Maritime Safety Queensland



Investigation Plan and Running Sheet

Marine Incident Number	MSC2483		
Lead Investigator	ead Investigator Anthony Loveridge		
Situation/Background of the Investigation: Time 19:30 Date 10-4-21 Place Hervey Bay Fairway			
Ship Watermark collided with Nav aid UC2. Master reported as unlit.			
Legislation Possible Offence			
	\$43 43 General safety obligation on persons involved with operation of ship		
(1)A person involved with a ship's operation (including the owner, master and crew members) must not cause the ship to be operated unsafely. Maximum penalty—500 penalty units or imprisonment for 1 year.			
	(2)Without limiting subsection (1), a person causes a ship to be operated unsafely if the person causes the ship to be operated in a way that— (a)causes a marine incident; or (b)contravenes— (i)a condition of the ship's registration under this Act		

that is about safety; or

(ii)a provision of a regulation that is declared by a regulation to be a provision to which this section

(3)However, if the contravention of subsection (1) causes the death of, or grievous bodily harm to, a person, the owner, master, crew member or other

person commits an indictable offence and is liable to

Compliance Unit Version 1.0 June 2016

TOMSA

applies.

a maximum penalty of 5,000 penalty units or imprisonment for 2 years.

(4)A person does not contravene this section because of subsection (2)(a) if the only basis for holding that a marine incident has been caused is lawful damage to, or danger of lawful damage to, property of which the person is the sole owner. (5)This section does not apply to a ship's pilot. Note—

See section 45 for the obligation on pilots of ships. (6)In this section—

lawful damage means damage that is not unlawful under the Criminal Code, section 469.

Part 9

Aids to navigation Section 107 107A

Damage to an aid to navigation

- (1)This section applies if a ship damages or destroys an aid to navigation.
- (2) The master and the owner of the ship are jointly and severally liable for the expense of repairing or reinstating the aid to navigation.
- (3)The amount of the expense may be recovered as a debt by the State by action in a court of competent jurisdiction from the master and the owner of the ship

Part 2

Prevention of collisions

79

Application of collision regulations

- (1)The collision regulations have effect as if they were part of this regulation.
- (2)A person involved with the operation of a ship (including the ship's owner, master, pilot or deck watchkeeper) must comply with the collision regulations.
- (3)Subsection (2) is a regulation to which section 211(2) of the Act applies.

Note-

Section 211(2) of the Act provides for a penalty of 500 penalty units or imprisonment for 1 year for a contravention of a regulation declared to be a regulation to which the subsection applies.

- (4)In this section, ship includes an aircraft when it is on water or is taking off, or landing on, water.
- (5)In this section—

deck watchkeeper means the person in charge of the navigational watch of a ship.

Transport Operations (Marine Safety) Regulation 2016

Planned investigation activities:	
Inspect Ship Interview Master	
Track of ship from AIS	
•	
	<u> </u>
Area Manager Approval:	Date:

Date	Time	Officer	Actions
13-4-21		AL	Case Assigned AL
			AL Accepted case. Reviewed Incident.
14-4-21		AL	requested UC2 Service history from DJ, Provided.
			Downloaded ship details from TICA
			reviewed data re SL75 Sealight.
			accessed wind and weather data from Hervey Bay and Lady Elliott
15-4-2021		AL	Island.
			Phone call to master and owner of ship 01
			Watermark, re incident.
			said that they were inbound to Hervey bay and passed the
			Fairway Beacon, they were looking for the lateral marks but could
			not see, could see the cardinal marks further up the channel.
		(0/1)	The ship was under motor at approx. 8 knots.
			There was no moon and crew were looking for buoy. the crew
	(0		were unable to see the light from the buoy and ship hit buoy and
			the buoy travelled down the tunnel. states that the buoy
	(5/0)	7	was unlit.
			plotted the point on his plotter.
	$(\vee \varnothing)$		said he did not record the track; he only records the track
			near reefs.
(\bigcirc)	h		said that the buoy bounced around under the tunnel and
	Y		then popped up after the transom.
			The ship is still at sea and will return to Urangan on Saturday.
			Arrangements were made to photograph the ship and inspect
45.4000		.	damage and to view plot on sounder and take version.
15-4-2021	13:29	AL	

Date	Time	Officer	Actions	
Julio		-	Called N/R re any of his fleet entering the region	
			Friday to confirm light out. No Entries on Friday night or Saturday	
	13:41	AL	Morning.	
		_ · · · _	Visited Watermark at the GSSM and provided details of	
			the incident. asked if MSQ will pay his excess for his	
			insurance.	
			Photographs of the damage and of the positions and the Plotter.	
			said that he didn't record tracks. Said he slowed on	
			approach as he couldn't see the buoys on radar or the lights.	
			Said he travelled further west than normal to avoid them as he	
			couldn't see them. Struck the Port mark UC2 inside of the	
			starboard hull and it travelled the length of the ship under the	
19-4-2021	10:00	AL	tunnel and hitting the aft beam on exit.	
			Contacted from Fisheries re VMS data from fishing	
			ships in the vicinity around the dates to provide data on light	
	11:18	AL	status.	
		l	Contacted VTS Gladstone re AIS track on Watermark, has AIS and	
	11:55	AL	track data was requested.	
			MSQ Urangan Operations staff to show evidence of radar	
		١	reflectors in the buoys deployed at UC2 and UC3 Photographed	
	12:32	AL	reflectors inside buoy top mark.	
	15:00	AL	Plotted the Fairway position with the pos37 and UC3	
20-4-2021		AL	received AVI File of AIS track of Watermark	
28-4-2021		AL	Received email from re geometry of buoy.	
4-5-21	9:00	AL	Emailed details of SLB1500 and SL75 information.	
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Date	Time	Officer	Actions
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MSID RTI Case Report (MSC2483)



Case - MSC2483 - Open Case - Collision with a floating object

Case Reference	MSC2483-2021
DMS Container	230/01423
Subject of Case	Collision with a floating object
Operation Name	complete that a nearing expect
TOMSA	Yes
TOMPA	No
National	No
Category	3
Status	Open Case
Region (Lead)	Gladstone (South)
Investigator (Lead)	LOVERIDGE, Anthony E
Summary of Facts	LOVERIDGE, Anthony E
MSQ Attended	No
MSQ Officer/s	NO
MSQ Contact No.	Ne
QPS Attended	No
QPS Officer/s	
QPS Contact No.	Ne
QAS Attended	No
QAS Officer/s	
QAS Contact No.	N
QBFP Attended	No
QBFP Officer/s	
QBFP Contact No.	
Other Agencies	No
Other Agency Officers	
Other Agency Contact/s	(7/4
Case Assigned	13/04/2021
Case Accepted	14/04/2021
Expected Days to Complete	182
Completion Due Date	12/10/2021
Case Complete	7()
Case Checked (AM)	
Case Closed - Prosecution	
Case Closed - Admin Action	<u></u>
Case Closed - AMSA	
Case Closed - Coroner	2
Case Closed (CU)	
Case Closed - Finalised (AM)	
Case Closed - Finalised (CU)	(26)
Review Action Required	No.
Review Action Completed	No
Conclusion	
Finalised - NFA	No
Finalised - Education	No
Finalised - Formal Warning	No
Finalised - Infringement	No
Finalised - Prosecution	No
	No
Finalised - Administrative	110
Finalised - Administrative Total Hour of Effort	5



Role	Involved Ship
Ship Unit	01
Ship Damage/Loss	Moderate Damage

Ship Registration Type	Recreational
Details	
Notes	
Ship Type	Sail Boat
Ship Name	WATERMARK
Ship Registration	
Former Names	
Previous Registration	SA777S (South Australia)
Make/Model	2002 GRAINGER 16.8M FULL CABIN COMPOSITE
Length (m)	16.8
Beam (m)	9
Year Built	2002
Hull Material	Other - Enter Here - Composite
Primary Colour	White
Power Description	Yanmar
Number of Engines	2
Engine Type	Inboard Diesel
Total Kilowatt Power	37.3
Total Horse Power	50
Identification Number (HIN/SIN)	AUAED048664Q19
Notes	Tlca



Role	Owner / Master
Ship Unit	01
Injury Status	
Details	
Notes	\Diamond
Customer Reference No.	N/R
Family Name	
First Name	
Middle Names	
Gender	Male
Date of Birth	N/R
Place of Birth	Brisbane
Nationality	Australia
ATSI	
Also Known As	
ABN	
Photograph	
Full Name	
Email	N/R
Business Phone	
Mobile Phone	N/R
Other Phone	
Home Phone	
Notes	Tica



- / / /	
Notes	
Туре	Data Entry
Task Title	Initial entry of marine incient
Status	Task Complete
Task / Entry Date	13/04/2021
Task / Entry Time	12:24
Assigned / Recorder	DALE, Kristine M
Region	Gladstone (South)
Hours of Effort	1.5
Due Date	
Days to Due Date	
Status Indices	1

Task Description (Running Sheet)	
Completed Date	13/04/2021
Notes	

Notes	
Туре	Enquiry
Task Title	Initial Enquiries
Status	Task Complete
Task / Entry Date	15/04/2021
Task / Entry Time	13:51
Assigned / Recorder	LOVERIDGE, Anthony E
Region	Gladstone (South)
Hours of Effort	2.5
Due Date	
Days to Due Date	
Status Indices	1
Task Description (Running	Downloaded TICA details of ship and master.
Sheet)	Made enquiries to the service history of the Nav Aid UC2.
	copy of the last 3 services.
	Contacted local trwler operator to identify any inbound ships to verify
	light out.
Completed Date	15/04/2021
Notes	

Notes	
Туре	Enquiry
Task Title	Initial contact with master Ship0 1
Status	Task Complete
Task / Entry Date	15/04/2021
Task / Entry Time	13:53
Assigned / Recorder	LOVERIDGE, Anthony E
Region	Gladstone (South)
Hours of Effort	1
Due Date	
Days to Due Date	
Status Indices	1
Task Description	Phoned left message and then received return call from Master Ship 01.
(Running Sheet)	Master provided additional information regarding incident, Ship under power at
	8 knts, inbound.Buoy bounced and rolled along betwen the hulls of the ship. no track recorded but saved position on gps.
Completed Date	15/04/2021
Notes	

Туре	Case Trigger
Details	
Notes	
Marine Incident No.	MSQ24816-2021
Incident Type	Marine Incident
Date	10/04/2021
Time	19:30:00:ttt
Caseman ID	
Incident Report Details	Collision with a floating object
Water Type	Partially Smooth
Coordinates	
Latitude	-25.15
Longitude	152.834444
Location Name	UC2 Buoy - Hervey Bay
Region	Gladstone (South)
Weather Conditions	Clear
Visibility Conditions	Good

Water Conditions	Calm
Swell Height (m)	
Wind Speed	Light (1 - 6 kts)
Wind Direction Type of Marine Incident	Collision with floating chiest
Incident Consequence	Collision with floating object Moderate damage to ship
Public Interest	Public interest unlikely
Highest Ship Class	Recreational
Compliance Weighting	0
Weighting Reason	
Original Rating Score	13
Final Rating Score	13
Category	3
Fatalities (No.)	0
Injuries - Serious (No.)	0
Injuries - Minor (No.)	0
Minor Damage (Ships)	0
Moderate Damage (Ships)	1 //
Major Damage (Ships)	0
Lost Ships	0
Pollution Category	
Pollution Source	
Pollutant	
Pollution - Extent (Length)	
Pollution - Extent (Width)	
Pollution - Extent (Area)	
Pollution - Extent (Volume)	
Pollution - Discharge Been Stopped?	No /
Pollution - Photos Taken	No
Pollution - Video Taken	No
Pollution - Samples Taken	No
Pollutions - Samples Taken By	
Pollution - Statutory Authority	MSQ
Pollution - Combat Authority	MSQ
Pollution - Response Brief	
Notes	
(H-N1) Failure to comply with ColRegs	No
(H-N2) Insufficient voyage planning	No
(H-N3) Excessive Speed	No
(H-N4) Navigation Error - Other	No
(H-P5) Inadequate training	No
(H-P6) Inappropriate instructions to crew	No
(H-P7) Communications Failure	No
(H-P8) SMS Failure	No
(H-O9) Inattention	No
(H-O10) Inexperience/lack of knowledge	No
(H-O11) Bridge Watch keeping failure	No
(H-O12) Insufficient crew numbers	No
(H-O13) Mooring Failure	No
(H-C14) Insufficient maintenance	No
(H-C15) Overloading	No
(H-C16) Operational error - other	No
	No
(M-V1) Bridge or Navigation Failure	
(M-V2) Electrical system failure	No
(M-V2) Electrical system failure (M-V4) Propulsion system failure	No
(M-V2) Electrical system failure (M-V4) Propulsion system failure (M-V5) Hull Breach	
(M-V2) Electrical system failure (M-V4) Propulsion system failure (M-V5) Hull Breach (M-V6) Equipment failure - other	No No No
(M-V2) Electrical system failure (M-V4) Propulsion system failure (M-V5) Hull Breach (M-V6) Equipment failure - other (M-V7) Fuel or gas leak	No No
(M-V2) Electrical system failure (M-V4) Propulsion system failure (M-V5) Hull Breach (M-V6) Equipment failure - other (M-V7) Fuel or gas leak (M-DC8) Inadequate stability - shifting cargo	No No No
(M-V2) Electrical system failure (M-V4) Propulsion system failure (M-V5) Hull Breach (M-V6) Equipment failure - other (M-V7) Fuel or gas leak (M-DC8) Inadequate stability - shifting cargo (M-D9) Inappropriate hull/equipment - Construction	No No No No No No No No
(M-V2) Electrical system failure (M-V4) Propulsion system failure (M-V5) Hull Breach (M-V6) Equipment failure - other (M-V7) Fuel or gas leak (M-DC8) Inadequate stability - shifting cargo (M-D9) Inappropriate hull/equipment - Construction (M-DC10) Inappropriate hull/equipment - design	No
(M-V2) Electrical system failure (M-V4) Propulsion system failure (M-V5) Hull Breach (M-V6) Equipment failure - other (M-V7) Fuel or gas leak (M-DC8) Inadequate stability - shifting cargo (M-D9) Inappropriate hull/equipment - Construction (M-DC10) Inappropriate hull/equipment - design (M-DC11) Vessel construction failure - other	No
(M-V2) Electrical system failure (M-V4) Propulsion system failure (M-V5) Hull Breach (M-V6) Equipment failure - other (M-V7) Fuel or gas leak (M-DC8) Inadequate stability - shifting cargo (M-D9) Inappropriate hull/equipment - Construction (M-DC10) Inappropriate hull/equipment - design	No

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\bigcirc	Role	Subject Of						
	Details							
e	Notes							
•	Document Type	Marine Incident Report Initial report by Owner Master						
•	Document Title							
•	DMS Item No.	E46960						
	Other Reference	~ (7/3)						
	Publish Date	12/04/2021						
•	Details	Collitions with a Finating Object - UC2 Buoy						
	Embedded (Picture)							
	Hyperlink							
•	Document Text							
	Source Reliability	Not Evaluated						
	Information Truth	Not Evaluated						
	Notes							



Marine Incident Report Transport Operations (Marine Safety) Act 1994

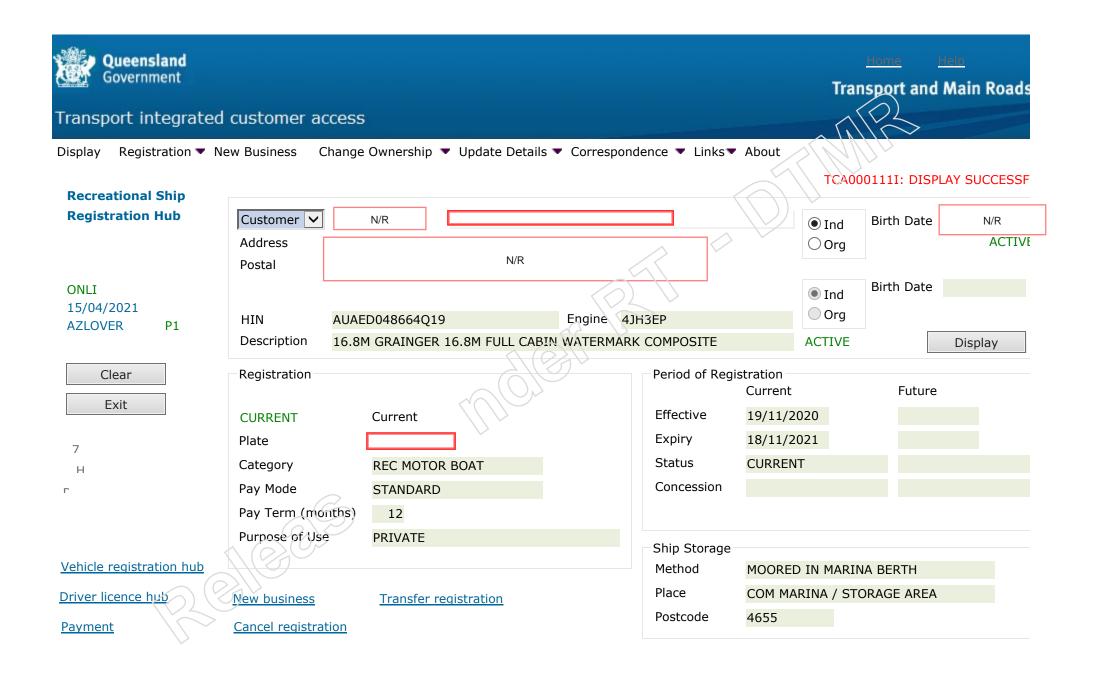
This is the approved form to report a marine incident in Queensland. A ship's master must report a marine incident to a shipping inspector within 48 hours of the incident taking place, except in cases where the ship is lost or presumed lost in which case the incident must be reported by the ship's owner. If the initial report is not in the approved form a further report must be submitted using this form at the earliest opportunity. You should fill in all fields that are applicable. This form, and all supporting documents, should be returned to a Maritime Safety Queensland office, the Queensland Police Service or a Queensland Boating and Fisheries Patrol Office. Penalties apply for failing to report a marine incident.

Date Time Body of water/Landm	
10/4/21 1930 pm HERVEY	BAY
Location	Latifude Longitude
Inland waters (non-tidal) Smooth waters Partiall	y smooth waters Offshore 25'9 152'50.
Type of incident	
Collision:	Grounding: Other incident:
Capsizing between ships	unintentional person hit by propeller or ship
Swamping with a fixed object	intentional water skilng incident
Flooding X with a floating object	Onboard incident: parasailing incident
wiut an animal	fall within ship
Loss of stability with an overhead obstruction	n crushing or ninching Close call/near miss
with a submerged object	other onboard incident other incident caused by the
Total and a man	operation of the ship
The state of the s	selected where the ship has disappeared and the location and circumstance ship is an economic write-off this should be check marked as 'Ship lost' below
and on the next page. ncident Severity Rating	
Fatality Serious injury ²	Ship lost 3 Damage to property only 4
Number of persons Number of persons	Ship damaged No damage
² Requiring admission to	hospital 3 Economic write-off or not recovered 4 No damage to any ship
Environmental conditions	
Veather	Visibility
Clear Hazy Cloudy Rain Flood	Good Fair Poor
	N 2000 Trail Trool
Nater conditions	
Calm Choppy Rough Very rough S	Seeman assessment as Adal Research Co. H. S.
	strong current or tidal flow Swell height (metres)
Vind speed	strong current or tidal flow Swell height (metres)
None Light (1-6kts) Moderate (7-15kts) Str	ong (16-33kts) Gale (>33kts) Wind coming from
None Light (1-6kts) Moderate (7-15kts) Str	
Ships involved	
None Light (1-6kts) Moderate (7-15kts) Street Ships involved Note: I more than two ships	ong (16-33kts) Gale (>33kts) Wind coming from swere involved attach details on a separate page.
None Light (1-6kts) Moderate (7-15kts) Street Ships involved Note: If more than two ships involved Note: If	ong (16-33kts) Gale (>33kts) Wind coming from os were involved attach details on a separate page. Other ship
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Ships involved - continued	
Own ship Ship description Motorboat Sailing boat House boat Other (describe)	Other ship Ship description Motorboat Sailing boat House boat Other (describe)
Engine Outboard Inboard (petrol) none Inboard/outboard Minboard (diesel) Other (describe)	Engine Outboard Inboard (petrol) Inboard/outboard Inboard (diesel) Other (describe)
Number of engines Total engine power 2	Number of engines Total engine power Hip KW Hull material
☐ Steel ☐ Timber ☐ Ferro-cement ☐ Marine alloy ☐ Fibreglass/GRP ☐ Other (describe)	Steel Timber Ferro-cement Marine alloy Fibreglass/GRP Other (describe)
COMPOSITE	
Damage to ship ☐ Ship lost ☐ Major damage (ship unseaworthy) ☐ Minor damage ☐ No damage	Damage to ship Ship lost Moderate damage (damaged but ship remains seaworthy) Minor damage No damage
People involved	\sim
Own ship Ship owner's details Owner's name	Other ship Ship owner's details Owner's name
	V V
Dedicated person ashore/operations manager (commercial only)	Dedicated person ashore/operations manager (commercial on
Telephone (husiness hours) N/R	Telephone (business hours) Telephone (after hours)
Address	Address
N/R	Audiess
Email address N/R	Email address
Master's details Master's name	Master's details Master's name
Gender Date of birth Male Female N/R Licence type and grade (for example, Master 5)	Gender Date of birth Male Female / / Licence type and grade (for example, Master 5)
icence number Issuing authority	
N/R QLD	Licence number Issuing authority
Expiry date (If applicable) A / I / Z 5	Issue date Expiry date (if applicable)
N/R Telephone (after hours)	Telephone (business hours) Telephone (after hours)
	Address
odress	Address
N/R	Address
N/R mail address	Email address

Persons involved - continued		
Own ship	Other ship	
Watchkeeper/person at the helm	Watchkeeper/person at the helm	
Role	Role	
Crewmember Passenger Master (details as above)	Crewmember Passenger Master (det	tails as above)
Name	Name	
Gender Date of birth	5.1.70	AL
	Gender Date of birth Male Female / /	V_7
Male Female N/R		
Licence type and grade (for example, Master 5)	Licence type and grade (for example, Master 5)	
Roc		1
Licence number Issuing authority	Licence number Issuing authority	
O. K		
N/R Issue date Expiry date (if applicable)	Issue date Expiry date (if applicable)	
Issue date Expiry date (if applicable)	Issue date	
111219 41125		
Telephone (business hours) Telephone (after hours)	Telephone (business hours) Telephone (after hou	ırs)
N/R		
Address	Address	4
N/R		***************************************
Email address	Email address	
Email address	Email address	
N/R	\(\frac{1}{1}\)	
Witnesses		
Note: attach name and complete contact details of any witnesses to the in-	cident on a separate page.	
Deceased or injured person		
Note: if more than two people deceased or injured attach details on a sepa	rate page.	
Name	injury status	5 FV 224179090
	Fatality Missing person Serious injury 5	Minor
Gender Date of birth	5 A serious injury is defined as one where the injured perso	
Male Female / /	edmitted to hospital.	
	Nature of injury Name of hospital	
Address		
	Activity of injured or deceased person	
	Person in charge (Master) Surfboard/surf-ski	rider
Telephone Which ship was this person associated with?	Person at helm Swimmer	
	☐ Crew ☐ Para-flier	
	Passenger on vessel Diver	
	Water-skier Other	
Deceased or injured person		
Name	Injury status	
(C)	Fatality Missing person Serious injury	5 Minor
	AVACAN MACON COLORS	injury
Gender Dais of birth	Nature of injury Name of hospital	
Male Female / / /		
Address	Activity of injured or deceased person	
	Person in charge (Master) Surfboard/surf-sk	i rider
	Person at helm Swimmer	MATERIA .
	☐ Crew ☐ Para-flier	
Telephone Which ship was this person associated with?	Passenger on vessel Diver	
	Water-skier Other	
Privacy Statement: The Department of Transport and Main Roads collects informal	ion on this form to administer the register of ships under the Transpo	
(Marine Safety) Act. This information may be released by the department to people to buy, sell, lease or insure the ship and, when relevant, litigants in matters about m	who have an interest that justifies access to the register, including per prine incidents, or the insolvency, or external administration, or fraudu	lent activity
the registered owner, or Family Court matters. Your personal information will not be	disclosed to other third parties without your consent unless authorise	d or required
law.		
Co	ntinued over page Page 3 of 4 TRB Forms Area Form F3071 (FD V01 Aug 201

7	PAIRWAY TO SOUTH ON AN	
	ERIRWAY OF TOWN	
	FAIRWAY	7
-	-O HIGH	
	00240	
- 194	LIGHT NOT WORKING!	
wner's/Mas	ter's report Vessel envolve from Lody Musgrave	,
wner's/Mas to V15 IV1 GV1 M as IV1	ter's report JUSSE EMICONE From Looly Musgrave Urangan. Masses Jounes on watch. No m glood. Fairway loog light spotted we advance and entrand to Hervey Bay ded by fairway light. asser to led to identify where loderals in their was on chart couldn't see and laderals in vicinity of fairway.	ne ye
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wner's/Mas +10 VIS IN 9 VI M as IN O Ve aw	Urangan. Masses Jourier on watch. Non 900 of Earrivery lovely light spotted we downing and entrance to Hervey Bay ded by fairway light. aster treadsto identify where laderals in their ways on chart couldn't see any laderals in vicinity of fairway.	Je J
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Recreational Ship Hub

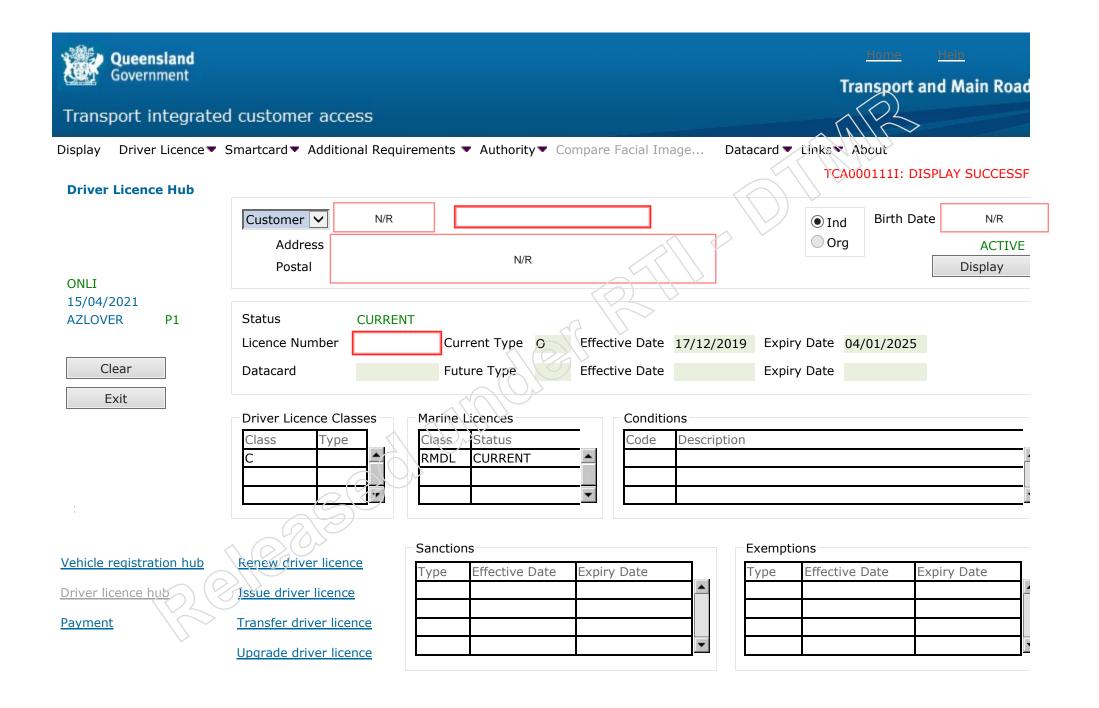
Page 1 of 1



Edit existing recreational ship

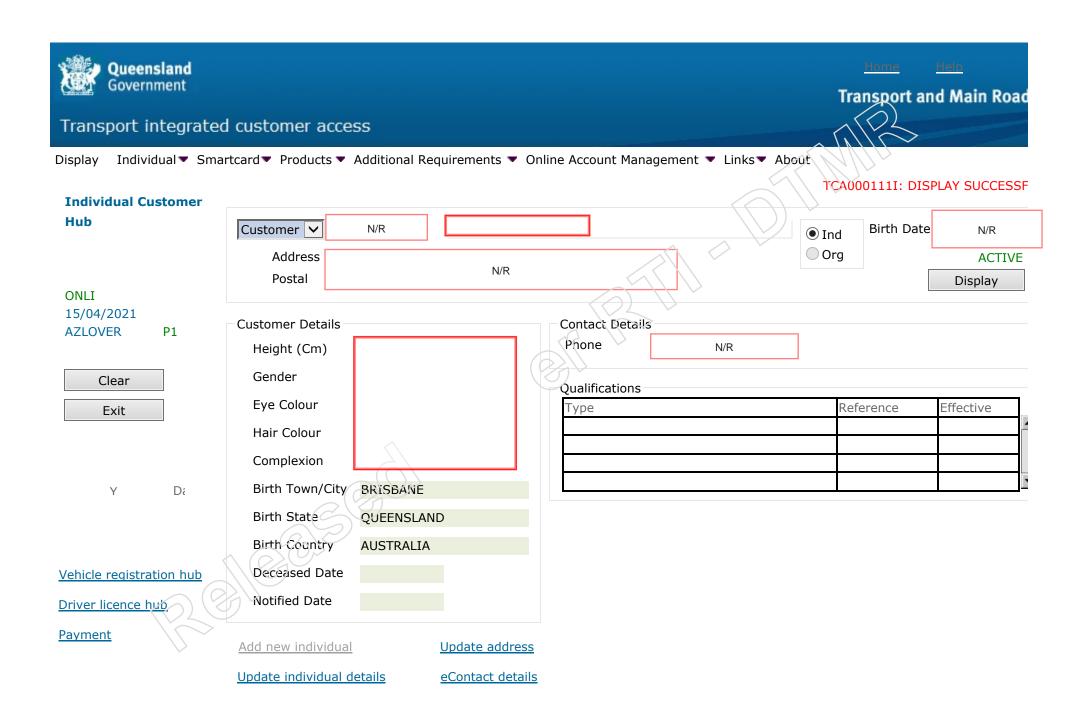
Driver Licence Hub

Page 1 of 1



Individual Customer Hub

Page 1 of 2



Individual Customer Hub Page 2 of 2



Hervey Bay, Queensland April 2021 Daily Weather Observations



		Ten	emps	Dain		Cum	Max	wind g	ust					3p	m						
Date	Day	Min	Max	Rain	Evap	Sun	Dirn	Spd	Time	Temp	RH	Cld	Dirn	Spd	MSLP	Temp	RH	Cld	Dirn	Spd	MSLP
		°C	°C	mm	mm	hours		km/h	local	°C	%	eighths		km/h	hPa	°C	%	eighths		km/h	hPa
1	Th	17.9	26.4	8.4			SSE	44	15:03	20.6	89	7	S	17	1019.4	25.8	60	<u> </u>	SSE	22	1016.4
2	Fr	18.6	26.6	9.2			SSE	52	11:43	24.9	63	1	SE	20	1019.4	21.1	94	8	s	20	1017.9
3	Sa	19.4	27.3	15.4			ESE	46	23:27	24.4	74	6	SE	26	1018.2	26.3	64	8	SE	24	1015.5
4	Su	21.4	23.9	7.0			SSE	46	22:38	22.0	95	8	SSE	13	1016.3	22.5	95	8	SSE	19	1012.7
5	Мо	21.9	25.5	32.0			SSE	41	03:42	23.7	96	8	S	17	1011.9	23.5	94	8	SE	13	1009.6
6	Tu	22.0	27.2	9.2			S	46	09:53	25.1	87	8	SSE	15	1012.5	25.9	78	5	SSE	19	1010.0
7	We	21.0	27.2	0.4			S	43	11:58	24.2	81	6	SSW	19	1011.3	25.2	77	8	SSW	15	1007.8
8	Th	18.1	29.0	0			S	31	09:50	24.3	72		S	15	1008.3	27.3	65	1	ESE	20	1005.3
9	Fr	18.7	28.5	0			NNE	26	14:31	25.2	75		SW	9	1009.8	26.0	75	2	N	19	1005.5
10	Sa	18.0	31.1	0.2			N	20	00:41	25.3	66		VV	7	1009.4	30.2	49		NNE	13	1006.0
11	Su	17.3	32.0	0			Е	28	15:13	26.9	54	8	wsw	2	1010.4	29.8	50	4	NE	11	1007.7
12	Мо	14.5	26.4	0			SE	33	14:08	19.2	42		SSW	19	1016.5	25.0	62	1	SE	20	1014.3
13	Tu	15.6	25.2	0			SSE	39	08:32	23.1	57	5	SE	19	1020.0	23.8	51		SE	22	1018.0
14	We	14.3	26.8	0			Е	26	13:37	21.5	70		SW	13	1019.6	25.8	51		Ε	17	1016.1
15	Th	14.3		0						22.2	73	7 //	ssw	13	1017.5						
Statistic	s for the	first 15	days of	April 20)21																
	Mean	18.2	27.4	-						23.5	72	6		14	1014.7	25.6	68	4		18	1011.6
	Lowest	14.3	23.9							19.2	42	1	WSW	2	1008.3	21.1	49	1	NE	11	1005.3
	Highest	22.0	32.0	32.0			SSE	52	۵۵	26.9	96	8	SE	26	1020.0	30.2	95	8	SE	24	1018.0
	Total			81.8					777	77											

Lady Elliot Island, Queensland April 2021 Daily Weather Observations



		Temps		Rain	Even	Sun	Max	wind g	ust			98	ım					3	om		
Date	Day	Min	Max	Kain	Evap	Sun	Dirn	Spd	Time	Temp	RH	Cld	Dirn	Spd	MSLP	Temp	RH	Cld	Dirn	Spd	MSLP
		°C	ç	mm	mm	hours		km/h	local	°C	%	eighths		km/h	hPa	°C	%	eighths		km/h	hPa
1	Th	21.5	27.1	1.2			SE	30	10:58	25.3	53		SE	19	1017.9	25.8	56		ESE	20	1015.7
2	Fr	22.5	27.5	0.4			SE	37	23:44	25.7	54		ESE	20	1017.9	25.8	73		SE	22	1015.8
3	Sa	20.7	26.9	9.0			ESE	41	04:16	24.5	82		ESE	22	1016.2	25,5	76		ESE	20	1013.7
4	Su	22.7	25.9	24.6			ESE	43	20:09	24.1	99		ESE	22	1013.5	23.6	99		SE	24	1009.4
5	Мо	23.4	26.2	118.8			SE	31	01:31	24.7	96		SE	17	1010.5	24.4	99		SSE	13	1008.5
6	Tu	23.7	26.7	28.0			SE	22	17:28	26.0	87		SSE	11	1012.2	26.0	83		SSE	11	1009.4
7	We	23.1		0.4						23.7	89		S	13	1011.2	26.4	75		S	19	1007.8
8	Th	23.5	26.8				s	39	01:15	25.3	74		S	17	1008.8	25.4	74		SE	11	1006.0
9	Fr	23.5	27.6	0			N	24	21:18	26.0	73		SSW	7	1009.9	26.7	78		NNW	11	1006.3
10	Sa	24.9	29.0	0			WNW	33	03:21	27.2	76		VV	17	1009.7	28.4	64		WNW	11	1007.0
11	Su	24.8	29.1	0			sw	44	19:29	27.0	83		// W	15	1010.5	28.0	70		N	9	1008.5
12	Мо	21.1	24.7	0			S	52	03:57	21.9	53		S	28	1016.0	24.2	64		SSE	20	1014.0
13	Tu	21.8	25.7	0			SE	50	07:31	24.5	58		2 ESE	35	1018.9	23.5	56		SE	31	1017.2
14	We	21.9	26.9	0			SE	39	00:06	25.1	52	1	ESE	20	1018.7	25.5	60		SE	20	1016.1
15	Th	22.7		0						25.7	60	7	ESE	17	1016.8						
Statistic	s for the	e first 15	days of	April 20	21		•					\	•	•		·					
	Mean	22.8	26.9							25.1	72			18	1013.9	25.7	73			17	1011.1
	Lowest	20.7	24.7							21.9	52		SSW	7	1008.8	23.5	56		N	9	1006.0
	Highest	24.9	29.1	118.8			S	52	5	27.2	99		ESE	35	1018.9	28.4	99		SE	31	1017.2
	Total			182.4					7//	77											

From: VTSGladstone

Sent: Saturday, 10 April 2021 7:40 PM

To: John A Fallon; Jennifer C Tumbers; Raymond L Hunt; Kristopher K Chant;

MSQ.WaterwayOps.GladstoneSouth

Subject:GLT134 - Red Lateral Light south of Urangan FWB ExtinguishedAttachments:GLT134 - Red Lateral Light South of Urangan FWB Extinguished.docm

Good evening,

Please find attached Incident Report for Navaid Defect.

Kind regards,

Sandra Johnson

Duty VTSO | Vessel Traffic Services Gladstone

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Floor 7 | Gladstone - Marine Operations | 21 Yarroon Street | Gladstone Old 4680

PO Box 123 | Gladstone Qld 4680 (07) 4971 5208 | F: (07) 4971 5212 vtsgladstone@msq.qld.gov.au

visgiaustone@msq.qiu.gov.au

www.msq.qld.gov.au

VIS incident Report								
TYPE:	Incident		Event		Defect			
AREA:	Reef VTS		Port VTS	\boxtimes	Both			
NUMBER:	GLT134/	2021						
Region:	Cairns		Townsville		Mackay 🗌	G	ladstone 🗵	Brisbane □
Reported By:	Name:	!			Date -	10/04	/2021	Time - 1933
Callers Contact No V		Wat	ermark					
VHF Channel/s 10		16						
VECCEI DETAILO								
Ohin Nama			VESSEL DETAILS					
Ship Name				IMO / Registration				
Flag Next Port			Callsign DWT			^		
				Cargo				
Vessel Type LOA					Draft			
Incident Location (physical)	1					7	I	
,		Latitu	de °	'S	Longit	ude	° 'E	
Date/Time incide	nt		'		N° of person Involved			
Is anyone injured	l?	☐ Yes	es / 🗌 No					
Is life threatened	?	☐ Yes	es / 🗌 No					
Is there any pollu	ıtion?	☐ Yes	s / 🗆 No					
Pilot onboard?			/ No)°			
				1				
0			01: : 0	INCID	PENI	NA 0 D		
General			Shipping Cas		NAS Provided			
SEARCH AND RESCUE			GROUND!		☐ SHALLOW WATER ☐ EXITED CORRIDOR			
MEDICAL EMERGENCY			COLLISION			☐ CRITICAL TURN		
POLLUTION			FIRE	DE	☐ EXITED DSA			
SECURITY INCIDENT			MECHANICAL FAILURE			☐ OTHER		
☐ PILOTAGE INCIDENT		-0	EINEAR MISS REPORTED			UOTHER		
EVENT								
Note: , Pollution, Security Incident, requires a separate additional form to be submitted.								
□ NAVIGATION HAZARD □ UNIDENTIFIED VESSEL □ PLACE OF REFUGE								
OTHER –								
DEFECT								
☐ STEERING GEAR		☐ BRIDGE EQUIPMENT			☐ INADEQUATE MOORING			
☐ PROPELLER			☐ THRUSTERS BOW/STERN			☐ NAVIGATION EQUIPMENT		
☐ ELECTRICAL/GENERATOR			☐ PILOT LADDER			☐ COMMUNICATIONS EQUIPMENT		
☐ MAIN ENGINE			STABILITY			☐ SUBSTANDARD CONDITIONS		
☐ BRIDGE/ENGINE CONTROL			☐ PUMPING/COOLING SYSTEMS			☐ LIFESAVING / FIRE- EQUIPMENT		
☐ CARGO DAMAGED/LEAKAGE			☐ MASTER / CREW COMPETANCE/ COMMUNICATION					



		AID TO	NAVIGAT	ION		
Muout			email to Coastal.	AtoN.Defects@tmr.qld.gov.au	DACON	
☐ LIGHT OTHER -	BUG	JY			RACON	
DESC./CHARACTER -						
	lad Lataral Limbt Caut	a of I lyan		,		
	Red Lateral Light Sout					
Latitude Report confirmed?	° 'S □ Yes /	│ Longitud ′	е	° 'E		
Details:						
Details.						
		•		next page)		
Summary of Events:	Vessel advising Rec	l lateral li	ght south	of Urangan FWB	is extinguished.	
(Including weather conditions)						
oonalions)						
					\mathcal{I}	
					<u></u>	
Note: Events to be						
time stamped.						
			45			
				>		
		4	>			
	Double Click Here to	Spell Ch	eck			
	Bodsto Gilott Horo to	NP -	<u> </u>			
Actions taken:		>				
Contacted (Who)		⊠ RHM	$oxed{\boxtimes}$ ahm $oxed{\boxtimes}$] MVTM ⊠ AM □ AN	MSA / RCC QPS (Distress)	
See relevant SOP for o	Other					
	Outer	Other				
Other (e.g. POLREP is						
Safety Signal/Naviga						
	Date- Click here to enter a date. Time-					
	Date- Click here to enter a date. Time-			Time-		
	72	1	ı			
Person completing report:		Date- 10)/04/2021	Time-1933		
	hone 49715208		Email			

N/R Wednesday, 28 April 2021 11:59 AM Anthony Z Loveridge MIR MSQ24816-2021 IMG_5923.jpg; IMG_5874.jpg	
vessel for the above incident report.	
re some photos of the bow and stern damag	ge for your records.
ne geometry of the buoy (pdf drawing is fine d to determine if it was possible for buoy to nusing some damage. I can then make arran	have contacted the underside of the
eting that MSQ can communicate with the r Does this communication also include posi information for position and light function	tion data for non-fixed marks? Do
edback could be considered to help mitigaten and not reported.	e future risk where marks have been
֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	Wednesday, 28 April 2021 11:59 AM Anthony Z Loveridge MIR MSQ24816-2021 IMG_5923.jpg; IMG_5874.jpg wessel for the above incident report. The some photos of the bow and stern damage are geometry of the buoy (pdf drawing is fined to determine if it was possible for buoy to busing some damage. I can then make arrangeting that MSQ can communicate with the incident possible to be possible for position and light function and light function and bedback could be considered to help mitigat





Anthony Z Loverlage	
From: Sent: To: Subject:	N/R Tuesday, 4 May 2021 10:56 AM Anthony Z Loveridge Re: MIR MSQ24816-2021
Hi Anthony	
Thanks for sending that throu	gh and explaining how it all works.
Have a good day.	
From: Anthony Z Loveridge <ant< th=""><th>hony.Z.Loveridge@msq.qld.gov.au></th></ant<>	hony.Z.Loveridge@msq.qld.gov.au>
Sent: Tuesday, 4 May 2021 8:59	AM
To: N/R	
Subject: RE: MIR MSQ24816-202	1
Hi ret	
I have been on leave,	
Thanks for the photos.	
•	not have a top mark or cage, see diagram.
	allow for complete programming (via Bluetooth®).
	n intelligence built-in, the App enables access to read and program the lantern
functions from a mobile device u	
If the light is missing it cannot pr	ovide the data.
Kind Regards Anthony Loveridge	
Marine Officer Gladstone South	
_	ch Customer Services, Safety and Regulation Division Department of Transport and Main
Roads	
Buccaneer Drive Hervey Bay Qld 4	<u>65</u> 5
(07) 41949603 M: N/R	
anthony.z.loveridge@msq.qld.gov.al www.msq.qld.gov.au	1
From: N/ Sent: Wednesday, 28 April 2021	
• • • • • • • • • • • • • • • • • • • •	ny.Z.Loveridge@msq.qld.gov.au>
Subject: MIR MSQ24816-2021	17.2.toveriuge@iiisq.qiu.gov.au>

Hi Anthony

I trust you are well.

Thanks for attending the vessel for the above incident report.

As requested, attached are some photos of the bow and stern damage for your records.

Is it possible to provide the geometry of the buoy (pdf drawing is fine), particularly the freeboard to the broken light fitting? I need to determine if it was possible for buoy to have contacted the underside of the trampoline, potentially causing some damage. I can then make arrangements to replace it.

You noted during our meeting that MSQ can communicate with the marks via SMS to determine the functionality of the lights. Does this communication also include position data for non-fixed marks? Do they routinely send status information for position and light function?

Anyhow, I thought this feedback could be considered to help mitigate future risk where marks have been moved from their position and not reported.

Kind regards

WARNING: This email (including any attachments) may contain legally privileged, confidential or private information and may be protected by copyright. You may only use it if you are the person(s) it was intended to be sent to and if you use it in an authorised way. No one is allowed to use, review, alter, transmit, disclose, distribute, print or copy this email without appropriate authority.

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Opinions contained in this email do not necessarily reflect the opinions of the Department of Transport and Main Roads, or endorsed organisations utilising the same infrastructure.

From: Anthony Z Loveridge Tuesday, 4 May 2021 8:59 AM Sent: To: Subject: RE: MIR MSQ24816-2021 **Attachments:** Screenshot SLB 1500.png I have been on leave, Thanks for the photos. The Buoy is an SLB1500 And did not have a top mark or cage, see diagram. The SL-75 lantern is designed to allow for complete programming (via Bluetooth®). An easy to use interface and with intelligence built-in, the App enables access to read and program the lantern functions from a mobile device up to 50 metres away. If the light is missing it cannot provide the data. Kind Regards **Anthony Loveridge** Marine Officer | Gladstone South Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au From N/R Sent: Wednesday, 28 April 2021 11:59 AM To: Anthony Z Loveridge <Anthony.Z.Loveridge@msq.qld.gov.au> **Subject:** MIR MSQ24816-2021 Hi Anthony I trust you are well.

Thanks for attending the vessel for the above incident report.

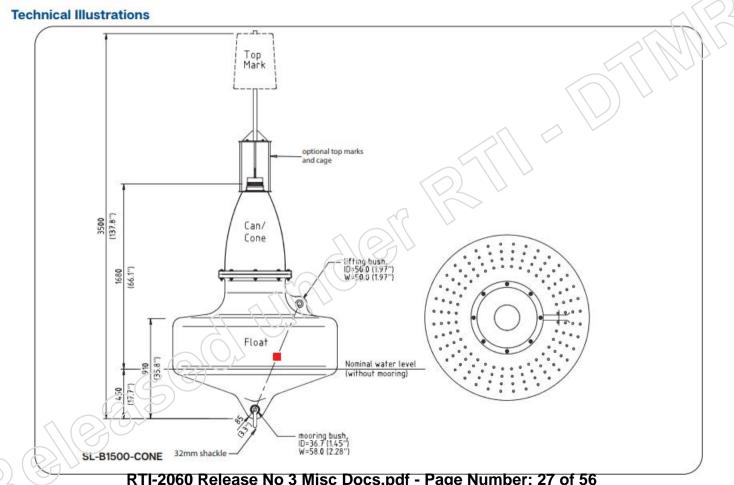
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Anyhow, I thought this feedback could be considered to help mitigate future risk where marks have been moved from their position and not reported.





CONWAY Neil <Neil.Conway@daf.gld.gov.au> From: Sent: Monday, 19 April 2021 12:44 PM Anthony Z Loveridge To: **RE: Vessel Movements** Subject: Hi Anthony, came through at 0945 on the 9th. I spoke to the owner/skippe N/R came in through N/R/ the day so didn't notice anything but said he recalls a call on channel 16 while he was off the Cape at night with a person advising the marine rescue in Gladstone that the light was out on a nav aid at the Fairway. The next boat through the area came in on 13/4 at 0546 which was Otherwise no other trawlers. Hope this helps. Regards. **Neil Conway District Officer** Queensland Boating and Fisheries Patrol Department of Agriculture and Fisheries E neil.conway@daf.qld.gov.au W www.daf.qld.gov.au Queensland Buccaneer Avenue, Urangan QLD 4655 Government **Customer Service Centre 13 25 23** Follow us on Facebook, Twitter, YouTube, Instagram and LinkedIn! Download the free 'Qld Fishing' smart phone app from Apple and Google app stores.

From: Anthony Z Loveridge < Anthony. Z Loveridge @msq.qld.gov.au>

Sent: Monday, 19 April 2021 11:32 AM

To: CONWAY Neil

Cc: Anthony M Macfarlane **Subject:** Vessel Movements

Hi Neil

As per our phone call;

I am Investigating a Marine Incident where a Recreational sailing ship hit a Navigation Aid UC2. UC2 position 25° 8.9642'S, 152° 50.4498'E, located near the Hervey bay Fairway Beacon. The master claims that the light was not operational; and the buoy was out of position.

Can you please provide any fishing ships that may have transited the area near the Fairway Beacon and UC2 between:

17:30 8-4-2021 and 19:30 10-4-2021 that may be able to provide the status of the light? Operating or not operating?

Thanks.

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

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From: Sent: To: Subject:	Anthony Z Loveridge Tuesday, 20 April 2021 4:36 PM VTSGladstone RE: Watermark AIS track.
Thank You	
Kind Regards	
Anthony Loveridge Marine Officer Gladstone South Maritime Safety Queensland Branc Roads	h Customer Services, Safety and Regulation Division Department of Transport and Main
Buccaneer Drive Hervey Bay Qld 46 (07) 41949603 M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au	v v
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The ZOOMED recording is located Hervey Bay FWB	d at G:\GLOM\Mariops\VTS\Documents\Archives\Incidents\2021\WATERMARK vs
Regards, Josh	
Regards, Duty VTSO	
Roads	h Customer Services, Safety and Regulation Division Department of Transport and Main
Floor 7 Gladstone — Marine Operation GPO Box 123 Gladstone Qld 4680 (07) 4971 5208 Vtsgladstone@msq.qld.gov.au www.msq.qld.gov.au www.tmr.qld.gov.au	ons 21 Yarroon Street Gladstone Qld 4680

Sent: Tuesday, 20 April 2021 10:21 AM
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From: VTSGladstone < VTSGladstone@tmr.qld.gov.au >
Sent: Tuesday, 20 April 2021 10:16 AM To: Anthony Z Loveridge Als track. Als track.
HI Anthony,
Yes those local times look correct.
Regards, Josh.
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Vessel Traffic Service Operator Vessel Traffic Services Giadstone Maritime Safety Queensland Branch Customer Services, Safety and Regulation Division Department of Transport and Main Roads
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From: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au > Sent: Tuesday, 20 April 2021 8:56 AM To: VTSGladstone < VTSGladstone@tmr.qld.gov.au > Subject: RE: Watermark AIS track.
Hi Lindsay . Thanks for the track.
Can you please confirm the position of watermark at 2:58:01 on the video, 19:27:29hrs real?
Can you please confirm the position of watermark at 3:00:00 on the video, 19:29:28hrs real?

The details are too hard for me to read off the video. Thanks
Kind Regards
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Lindsay Brookes Duty VTSO Vessel Traffic Services Gladstone Maritime Safety Queensland Branch Customer Services, Safety and Regulation Division Department of Transport and Main Roads
Floor 7 Gladstone - Marine Operations 21 Yarroon Street Gladstone Qld 4680 PO Box 123 Gladstone Qld 4680 (07) 4971 5208 F: (07) 4971 5212 VTSGladstone@msq.qld.gov.au www.msq.qld.gov.au
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Sent: Monday, 19 April 2021 3:10 PM

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Cheers
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The max recording time I can do is 4 hours at a time so I have set it up to replay at a speed of 5x so it should fit the complete 7 hr period into it that you requested. If when playing it back you need it slower in spots of interest please let us know the time stamp and we re do these spots at normal speed.
I will let you know when it is finished. I will save it on G drive and let you know where so you can review it.
Cheers
Lindsay
From: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au > Sent: Monday, 19 April 2021 12:02 To: VTSGladstone < VTSGladstone@tmr.qld.gov.au > Cc: Anthony M Macfarlane < Anthony.M.Macfarlane@msq.qld.gov.au > Subject: Watermark
Good Afternoon Can you please provide the AIS track for Watermark 4

Date 10-4-2021 between 15:30 and 22:00 hrs.

The ship was involved in a marine incident collision with a Nav Aid.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

Anthony Z Loveridge

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Roads
Buccaneer Drive Hervey Bay Qld 4655
(07) 41949603 M: N/R
anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au
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Date 10-4-2021 between 15:30 and 22:00 hrs.

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Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

Anthony Z Loveridge

From: David S Jorgensen

Sent: Monday, 19 April 2021 1:35 PM

To: Anthony Z Loveridge **Subject:** RE: Fairway Beacon

Attachments: Urangan Fairway Work Order 190421.pdf

Work Order attached for Urangan Fairway – position included on form.

When UC3 was removed on the 16th April 2021 it was in perfect charted position and light was fully operational with 4.0 volts of charge.

Kind regards,

David Jorgensen

Marine Officer | Urangan | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 4194 9606 | M: N/R david.s.jorgensen@msq.qld.gov.au

www.msq.qld.gov.au

From: Anthony Z Loveridge <Anthony.Z.Loveridge@msq.qld.gov.au>

Sent: Monday, 19 April 2021 11:49 AM

To: David S Jorgensen < David.S.Jorgensen@msq.qld.gov.au>

Subject: Fairway Beacon

Hi David,

Can you provide me with the position of the Fairway Beacon From ANAMS, Thanks?

Can you confirm the operational status of UC3 light when it was removed, battery voltage and so on?

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R

anthony.z.loveridge@msq.qld.gov.au

www.msq.qld.gov.au

Svc Type: RE Part

Part Name

Flagged By: DSJ

Qty

bottom ladder section needs replacing

Jorgensen David

Note

FLAGGED SERVICES

Svc Date: 25 OCT 19 Description Code

Visual Inspection

Other Service Details:

SERVICE HISTORY Svc Date: 12 NOV 20 Svc Type: RE Svcd By: DSJ Jorgensen David Code <u>Part</u> **Qty** Description Part Name Note 53 Serviced Other Service Details: Svc Date: 25 OCT 19 Svc Type: RE DSJ Jorgensen David **Svcd By:** Code Description <u>Part</u> Part Name Qty Note 53 Serviced 17 Cleaned Visual Inspection 10 bottom ladder section needs replacing Other Service Details: **Svc Date: 03 OCT 18** Svc Type: RE Svcd By: DSJ Jorgensen David Code <u>Part</u> Qty **Description** Part Name Note 53 Serviced 17 Cleaned Other Service Details:

CHARGEABLE	DETAILS:
DEBTOR:	

DEBTOR:
COST ITEMS:

P/No S/No Qty Notes

NOTE:	

SERVICE ELEMENTS:

S/No	Name Identification							
2	Andrew Petrie	Daily Rate	dy					
3	Andrew Petrie	Operational Rate	hr					
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr					
66	Dinghy - Aluminium	Operational Rate	hr					
70	Wedge II	Daily Rate	dy					
71	Wedge II	Operational Rate	hr					
75	Vehicle - 4 x 4	Hourly Rate	hr					
76	Travelling Allowance	Overnight Accomodation	dy					
80	Dinghy - Aluminium	Daily Rate	dy					
95	Woralie	Daily Rate	dy					
96	Woralie	Operational Rate	hr					
153	Wedge V	Daily Rate	dy					
154	Wedge V	Operational Rate	hr					
155	Deepwater	Daily Rate	dy					
156	Deepwater	Operational Rate	hr					
157	Pluckaduck	Daily Rate	dy					
158	Pluckaduck	Operational Rate	hr					

Anthony Z Loveridge

From: David S Jorgensen

Sent: Friday, 10 September 2021 12:18 PM

To: Anthony Z Loveridge

Subject: RE: UC2 and UC3 Service history

Attachments: UC2 Light Work Order.pdf; UC2 Structure Work Order.pdf; UC3 Light Work

Order.pdf; UC3 Structure Work Order.pdf

Afternoon,

See attached.

Kind regards,

David Jorgensen

Marine Officer | Urangan | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 4194 9606 | M: N/R david.s.jorgensen@msq.qld.gov.au

www.msq.qld.gov.au

From: Anthony Z Loveridge <Anthony.Z.Loveridge@msq.qld.gov.au>

Sent: Friday, 10 September 2021 11:17 AM

To: David S Jorgensen < David.S.Jorgensen@msq.qld.gov.au>

Subject: UC2 and UC3 Service history

Good Morning Dave,

Can you please supply the Service history for structure and lights for UC2 and UC3.

From 10 April 2020 to present.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Shipping Inspector | Gladstone South

Maritime Safety Queensland Branch Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R

anthony.z.loveridge@msq.qld.gov.au

www.msq.qld.gov.au

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Svc Date:	12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	Note
53	Serviced					
Other Servi	ice Details:					
Svc Date:	25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	Note
53	Serviced					
Other Servi	ice Details:					
Svc Date:	10 APR 19	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		<u>Qty</u>	Note
26	Unplanned					
9	Reported					
25	Missing					
5	Replaced	3042	Lantern		1	
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CHARGEABLE DETAILS:

DEBTOR: NOTE: SERVICE ELEMENTS:

P/No	S/No	Qty	
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	SERVICE ELEME	NTS:	
S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
80	Dinghy - Aluminium	Daily Rate	dy
66	Dinghy - Aluminium	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
76	Travelling Allowance	Overnight Accomodation	dy
75	Vehicle - 4 x 4	Hourly Rate	hr

WORK ORDER AIDS TO NAVIGATION **STRUCTURE** Group Name: CRUISE SHIP BUOYS Date Serviced : Service Type : BR Group Code: 325 Navaid Name: URANGAN CHANNEL 2 Navaid Code: 4302 Service Date Due: NOV 21 Serviced By: TASKS / OBSERVATIONS: PARTS: Flags Description P/No Qty Attn RHM Lvl P/No Part Name Identification Qty Unplanned 2082 Mooring - 20mm Chain 30 26 1 9 Reported 1 2087 Swivel - 25mm 1 14 Damaged 1 2093 **Dump - 300kg** Concrete Block 1 Out of Position 1 2107 Shackle - 25mm 6.5 tonne - Tested 3 39 Re-positioned 1 2202 Reflector Daymark 12 4 49 No Fault Found 2322 Anode Tear Drop Wz2 1 5 Replaced 1 2407 Buoy - SLB1500 Sealite 1 1 527 Shackle - 32mm Galvanised - 6t Tested 1 OTHER NAVAID CONFIGURATIONS: STRUCTURE DETAILS Type: Buoy - SLB1500 Class: Buoy $\underline{Type} \quad \underline{No} \quad \underline{Configuration \ Type}$ Note: Sealite Buoy - SLB1500 ST 1 Structure Colour: R Coating: **Gloss Enamel** Lantern - SL-75 Dmk Colour: R **Daymark:** Port Lateral **Dmk Coating:** Gloss Enamel 2nd Colour: 2nd Coating: **Local Positions Bottom:** Method: M1: DGPS M2: WGS84 M3: M4: **Survey Position** LAT: -25 8.9642 GIS LAT: LONG: 152 50.4498 GIS LONG: Special Detail **GROUND TACKLE DUE APRIL 2022** FLAGGED SERVICES

Svc Date	: 12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	Description	<u>Part</u>	Part Name		Qty	<u>Note</u>
53	Serviced					
Other Se	ervice Details:					
Svc Date	<u>:</u> 25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
<u>Code</u>	<u>Description</u>	<u>Part</u>	Part Name		<u>Qty</u>	<u>Note</u>
53	Serviced					
Other Se	ervice Details:					
Svc Date	: 10 APR 19	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David
Code	Description	<u>Part</u>	Part Name		<u>Qty</u>	Note
26	Unplanned					
9	Reported					
25	Missing					
5	Replaced	2407	Buoy - SLB1500		1	
5	Replaced	2082	Mooring - 20mm		30	(())
5	Replaced	2087	Swivel - 25mm		1	
5	Replaced	2093	Dump - 300kg		1	
5	Replaced	2107	Shackle - 25mm		3	\nearrow
5	Replaced	2322	Anode		1	× ×
5	Replaced	527	Shackle - 32mm		1	\nearrow
Other Se	ervice Details:					

CHARGEABLE DETAILS:

DEBTOR: COST ITEMS:

P/No	S/No	Qty	Notes
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			(49)
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NOTE: SERVICE ELEMENTS:

S/No	Name	Identification	Uni
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
66	Dinghy - Aluminium	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
75	Vehicle - 4 x 4	Hourly Rate	hr
76	Travelling Allowance	Overnight Accomodation	dy
80	Dinghy - Aluminium	Daily Rate	dy
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr

	NAVIGATION				WC	DRK (ORDE	ER		LIG	HT
ate Service]		ervice T		S		Group Cod		up Name : CRUISE SHIPS BUOYS	
avaid Cod	le: 12070		N	avaid f	Name :	URA	ANGAN	I CHANN	EL 3		
rviced By	:		Li	ght No):	1	of 1			Service Date Due : N	OV 21
ASKS /	OBSERVATIONS :				Flag	s			PARTS:		
de	Description		P/No	Qty	Attn	RHM	Lvl	P/No	Part Name	Identification	Qty
27	Planned						1	3042	Lantern	Sealite - SL75	1
	Re-established						1	507	Battery	3.6 volt - 16 amp/hour	1
0	Consumed										
<u>'</u>	Temporarily Withdraw	n									
0	Inspected Changed from				-			1			
15	Changed from Light Inspection										
22	Overcast				1			1			
5	Replaced				1						
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BATTER	Y VOLTS PANEL VO	LTS PANEL AMPS	AV. l	BATTI	ERY S.	.G.			7		
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USED BA	TTERY REPLACEMENT	T DATE									i
								7/3			
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GHT DE	TAILS					(\geq	NAVAID CONFIGU	<u>JRATIONS:</u>	
aht Tynor	Lantern - SL-75								Type No	Configuration Type	
	Omni-Directional LED	N	. 114 . 6		ED 6	1			ST 1 I	Buoy - SLB1500	
giit Ciass:	Omni-Directional LED	Note: S	sealite - S	ingie L	ED G	puc	~		LT 1 I	Lantern - SL-75	
SR/90	Chart Symbol:	Fl 2.5s Cha	racter:	0.5+2.0	0 = 2.5						
olour:	G	Range:) [
									Local Positions		
equency:		Code:	Sw	tches s	set ON	<u>:</u>				M3: M4:	
tt Rep Du	<u>e:</u> 25 MAY 2025	Rep Period:	(6	0)	/				LAT: -25 9.122	GIS LAT: -25.152033	333
rvey Posit	<u>ion</u>			\mathcal{L}					LONG: 153 50.45	7 GIS LONG: 153.84095	
	<u>il</u>		$(\vee /)$)							
ecial Deta	ed 27/04/2017	A.		,							
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L75 installe	SERVICES_										
L75 installe		(75)									

Svc Date:	12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David	
Code	<u>Description</u>	Part	Part Name		Qty	Note	
53	Serviced						
Other Serv	ice Details:						
Svc Date:	25 MAY 20	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David	
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	Note	
26	Unplanned						
9	Reported						
5	Replaced	507	Battery		1		
Other Serv	ice Details:						
Svc Date:	25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David	
Code	Description	<u>Part</u>	Part Name		Qty	Note	
53	Serviced						
Other Servi	ice Details:						

CHARGEABLE DETAILS:

DEBTOR: NOTE: SERVICE ELEMENTS:

P/No	S/No	Qty	
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	SERVICE ELEMEN	NTS:	
S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
80	Dinghy - Aluminium	Daily Rate	dy
66	Dinghy - Aluminium	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
76	Travelling Allowance	Overnight Accomodation	dy
75	Vehicle - 4 x 4	Hourly Rate	hr

WORK ORDER AIDS TO NAVIGATION **STRUCTURE** Group Name: CRUISE SHIP BUOYS Date Serviced : Service Type : SP Group Code: 325 Navaid Name: URANGAN CHANNEL 3 Navaid Code: 12070 Service Date Due: NOV 21 Serviced By: TASKS / OBSERVATIONS: PARTS: Flags Description P/No Qty Attn RHM Lvl P/No Part Name Identification Qty Planned 2082 Mooring - 20mm Chain 30 27 1 10 Visual Inspection 1 2087 Swivel - 25mm 1 Concrete Block 2 Re-established 1 2093 **Dump - 300kg** 1 Temporarily Withdrawn 1 2107 Shackle - 25mm 6.5 tonne - Tested 4 7 Permanently Withdrawn 1 2322 Tear Drop Wz2 1 8 Anode 11 **Position Altered** 2407 Buoy - SLB1500 1 30 **Position Checked** 33 Fitted Replaced 5 OTHER NAVAID CONFIGURATIONS: STRUCTURE DETAILS Type: Buoy - SLB1500 Class: Buoy $\underline{Type} \quad \underline{No} \quad \underline{Configuration \ Type}$ Note: Sealite Buoy - SLB1500 1 Structure Colour: G Coating: Lantern - SL-75 Dmk Colour: Daymark: **Dmk Coating:** 2nd Colour: 2nd Coating: **Local Positions Bottom:** Method: Crane M1: WGS84 M2: M3: M4: **Survey Position** LAT: -25 9.122 GIS LAT: -25.152033333 LONG: 153 50.457 GIS LONG: 153.84095 Special Detail **GROUND TACKLE DUE APRIL 2022** FLAGGED SERVICES

Svc Date: 12 NOV 20 DSJ Jorgensen David **Svc Type:** RE Svcd By: Description Part Name **Part Qty** Note Serviced Other Service Details: **Svc Date: 25 OCT 19** Svc Type: RE **Svcd By:** DSJ Jorgensen David <u>Part</u> <u>Code</u> Description Part Name **Qty** <u>Note</u> 53 Serviced Other Service Details: Svc Date: 10 APR 19 Svc Type: SP Svcd By: DSJ Jorgensen David Code Description <u>Part</u> Part Name Qty Note 27 Planned ALL GROUND TACKLE Replaced Other Service Details:

CHARGEABLE DETAILS:

DEBTOR: NOTE: SERVICE ELEMENTS:

P/No	S/No	Qty	Notes
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	SERVICE ELEMEN	NTS:	
S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
66	Dinghy - Aluminium	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
75	Vehicle - 4 x 4	Hourly Rate	hr
76	Travelling Allowance	Overnight Accomodation	dy
80	Dinghy - Aluminium	Daily Rate	dy
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr

Anthony Z Loveridge

From: David S Jorgensen

Sent: Wednesday, 14 April 2021 2:53 PM

To: Anthony Z Loveridge **Subject:** UC2 Work Order

Attachments: UC2 Light Work Order.pdf; UC2 Structure Work Order.pdf

Afternoon,

Work orders attached for UC2 structure and light. Services are only shown for the 3 most recent visits on the work orders, can go back further in ANAMS if needed.

Kind regards,

David Jorgensen

Marine Officer | Urangan | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 4194 9606 | M: N/R

david.s.jorgensen@msq.qld.gov.au

www.msq.qld.gov.au

IDS TO	NAVIGATION					WC	ORK (ORDE	ER		LIGH	Т
ate Serviced					ervice '				Group Cod		up Name : CRUISE SHIPS BUOYS	
avaid Code	: 4302			N	avaid I	Name :	: UR	ANGAN	N CHANN	EL 2		
erviced By:				L	ight No):	1	of 1			Service Date Due: NO	V 21
CASKS / O	BSERVATIONS:					Flag	s			PARTS:		
de	Description			P/No	Qty	Attn	RHM	Lvl	P/No	Part Name	Identification	Qty
26	Unplanned							1	125	Bolt Set	Mounting Bolts (Stainless) LT	1
	Reported							1	3042	Lantern	Sealite - SL75	1
·	Not Burning											
9	No Fault Found					1	1					
1	Destroyed Leveled Light					1			1			
	Damaged Damaged			+	1	+	1		1			+
7	Cleaned					+			1			_
.8	Stolen								1			
	Submerged											
25	Missing								İ			
28	Vandalised											
50	Consumed											
i	Replaced								<u> </u>			
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BATTERY	VOLTS PANEL	VOLTS	PANEL AMPS	AV	BATTI	ERVS	G					
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USED BAT	TERY REPLACEMI	ENT DATE	<u> </u>									
0022 2:11			<u> </u>							1		
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GHT DETA	AILS									NAVAID CONFIGU	URATIONS:	
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ght Type: L	antern - SL-75							$\overline{}$		Type No		
ght Class: O	mni-Directional LEI)	Note: S	ealite - S	ingle I	ED C	ptic	$\overline{}$			Buoy - SLB1500	
SR/90	Chart Symbo	d. Fl 2 5c	Cha	racter:	0.5±2.	0 - 25				LT 1	Lantern - SL-75	
olour: R		_	ange:	i acter.	0.512.	/= 2.0)\					
nour. K		K	inge.	^						Local Positions		
equency:		_Co	ode:	Sw	itches :	set ON	<u>[:</u>			M1: DGPS N	M2:WGS84 M3: M4:	
tt Rep Due:	10 APR 2024		Rep Period:		60	>				LAT: -25 8.9642	2 GIS LAT:	
rvey Positio	_		<u> </u>							LONG: 152 50.44		
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ecial Detail				(1)	/							
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AGGED SI	ERVICES		75									
		(Q/R)) ~									

Svc Date:	12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		<u>Qty</u>	Note
53	Serviced					
Other Servi	ice Details:					
Svc Date:	25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	Note
53	Serviced					
Other Servi	ice Details:					
Svc Date:	10 APR 19	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		<u>Qty</u>	Note
26	Unplanned					
9	Reported					
25	Missing					
5	Replaced	3042	Lantern		1	
Other Servi	ice Details:					$\langle \langle \rangle \rangle$

CHARGEABLE DETAILS:

DEBTOR: NOTE: SERVICE ELEMENTS:

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	NO	IE:	
-	SERVICE ELEMEN	NTS:	
S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
80	Dinghy - Aluminium	Daily Rate	dy
66	Dinghy - Aluminium	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
76	Travelling Allowance	Overnight Accomodation	dy
75	Vehicle - 4 x 4	Hourly Rate	hr

WORK ORDER AIDS TO NAVIGATION **STRUCTURE** Group Name: CRUISE SHIP BUOYS Date Serviced : Service Type : BR Group Code: 325 Navaid Name: URANGAN CHANNEL 2 Navaid Code: 4302 Service Date Due: NOV 21 Serviced By: TASKS / OBSERVATIONS: PARTS: Flags Description P/No Qty Attn RHM Lvl P/No Part Name Identification Qty Unplanned 2082 Mooring - 20mm Chain 30 26 1 9 Reported 1 2087 Swivel - 25mm 1 14 Damaged 1 2093 **Dump - 300kg** Concrete Block 1 Out of Position 1 2107 Shackle - 25mm 6.5 tonne - Tested 3 39 Re-positioned 1 2202 Reflector Daymark 12 4 49 No Fault Found 2322 Anode Tear Drop Wz2 1 5 Replaced 1 2407 Buoy - SLB1500 Sealite 1 1 527 Shackle - 32mm Galvanised - 6t Tested 1 OTHER NAVAID CONFIGURATIONS: STRUCTURE DETAILS Type: Buoy - SLB1500 Class: Buoy $\underline{Type} \quad \underline{No} \quad \underline{Configuration \ Type}$ Note: Sealite Buoy - SLB1500 ST 1 Structure Colour: R Coating: **Gloss Enamel** Lantern - SL-75 Dmk Colour: R **Daymark:** Port Lateral **Dmk Coating:** Gloss Enamel 2nd Colour: 2nd Coating: **Local Positions Bottom:** Method: M1: DGPS M2: WGS84 M3: M4: **Survey Position** LAT: -25 8.9642 GIS LAT: LONG: 152 50.4498 GIS LONG: Special Detail **GROUND TACKLE DUE APRIL 2022** FLAGGED SERVICES

Svc Date:	12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	Description	Part	Part Name		Qty	Note
53	Serviced					
Other Ser	vice Details:					
Svc Date:	25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	Part	Part Name		<u>Qty</u>	Note
53	Serviced					
Other Ser	vice Details:					
Svc Date:	10 APR 19	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David
Code	Description	<u>Part</u>	Part Name		<u>Qty</u>	Note
26	Unplanned					
9	Reported					
25	Missing					
5	Replaced	2407	Buoy - SLB1500		1	
5	Replaced	2082	Mooring - 20mm		30	$\langle \langle \rangle \rangle$
5	Replaced	2087	Swivel - 25mm		1	
5	Replaced	2093	Dump - 300kg		1	
5	Replaced	2107	Shackle - 25mm		3	\nearrow
5	Replaced	2322	Anode		1	
5	Replaced	527	Shackle - 32mm		1	
Other Ser	vice Details:					

CHARGEABLE DETAILS:

DEBTOR:
COST ITEMS:

P/No	S/No	Qty	Notes
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NOTE: SERVICE ELEMENTS:

S/No	Name	Identification	Uni
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
66	Dinghy - Aluminium	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
75	Vehicle - 4 x 4	Hourly Rate	hr
76	Travelling Allowance	Overnight Accomodation	dy
80	Dinghy - Aluminium	Daily Rate	dy
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr

MSID RTI Case Report (MSC2483)



Case - MSC2483 - Open Case - Collision with a floating object

Case Reference	MSC2483-2021
DMS Container	230/01423
Subject of Case	Collision with a floating object
Operation Name	complete that a nearing expect
TOMSA	Yes
TOMPA	No
National	No
Category	3
Status	Open Case
Region (Lead)	Gladstone (South)
Investigator (Lead)	LOVERIDGE, Anthony E
Summary of Facts	LOVERIDGE, Anthony E
MSQ Attended	No
MSQ Officer/s	NO
MSQ Contact No.	Ne
QPS Attended	No
QPS Officer/s	
QPS Contact No.	Ne
QAS Attended	No
QAS Officer/s	
QAS Contact No.	N
QBFP Attended	No
QBFP Officer/s	
QBFP Contact No.	
Other Agencies	No
Other Agency Officers	
Other Agency Contact/s	(7/4
Case Assigned	13/04/2021
Case Accepted	14/04/2021
Expected Days to Complete	182
Completion Due Date	12/10/2021
Case Complete	7()
Case Checked (AM)	
Case Closed - Prosecution	
Case Closed - Admin Action	<u></u>
Case Closed - AMSA	
Case Closed - Coroner	2
Case Closed (CU)	
Case Closed - Finalised (AM)	
Case Closed - Finalised (CU)	(26)
Review Action Required	No
Review Action Completed	No
Conclusion	
Finalised - NFA	No
Finalised - Education	No
Finalised - Formal Warning	No
Finalised - Infringement	No
Finalised - Prosecution	No
	No
Finalised - Administrative	110
Finalised - Administrative Total Hour of Effort	5



Role	Involved Ship
Ship Unit	01
Ship Damage/Loss	Moderate Damage

Ship Registration Type	Recreational
Details	
Notes	
Ship Type	Sail Boat
Ship Name	WATERMARK
Ship Registration	r eneoved ed
Former Names	
Previous Registration	SA777S (South Australia)
Make/Model	2002 GRAINGER 16.8M FULL CABIN COMPOSITE
Length (m)	16.8
Beam (m)	9
Year Built	2002
Hull Material	Other - Enter Here - Composite
Primary Colour	White
Power Description	Yanmar
Number of Engines	2
Engine Type	Inboard Diesel
Total Kilowatt Power	37.3
Total Horse Power	50
Identification Number (HIN/SIN)	AUAED048664Q19
Notes	Tica



Role	Owner / Master
Ship Unit	01
Injury Status	
Details	
Notes	
Customer Reference No.	N/R
Family Name	r grenke¢ ed
First Name	
Middle Names	
Gender	Male
Date of Birth	N/R
Place of Birth	Brisbane
Nationality	Australia
ATSI	
Also Known As	
ABN	
Photograph	
Full Name	r emayed ed
Email	N/R
Business Phone	
Mobile Phone	N/R
Other Phone	
Home Phone	
Notes	Tica



Notes	
Туре	Data Entry
Task Title	Initial entry of marine incient
Status	Task Complete
Task / Entry Date	13/04/2021
Task / Entry Time	12:24
Assigned / Recorder	DALE, Kristine M
Region	Gladstone (South)
Hours of Effort	1.5
Due Date	
Days to Due Date	
Status Indices	1

Task Description (Running Sheet)	
Completed Date	13/04/2021
Notes	

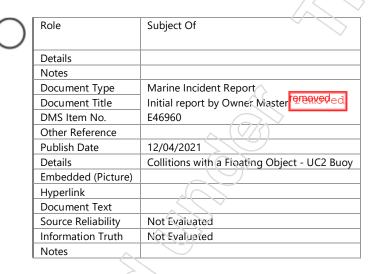
Notes	
Туре	Enquiry
Task Title	Initial Enquiries
Status	Task Complete
Task / Entry Date	15/04/2021
Task / Entry Time	13:51
Assigned / Recorder	LOVERIDGE, Anthony E
Region	Gladstone (South)
Hours of Effort	2.5
Due Date	
Days to Due Date	
Status Indices	1
Task Description (Running	Downloaded TICA details of ship and master.
Sheet)	Made enquiries to the service history of the Nav Aid UC2.
	copy of the last 3 services.
	Contacted local trwler operator to identify any inbound ships to verify
	light out.
Completed Date	15/04/2021
Notes	

Notes	
Туре	Enquiry
Task Title	Initial contact with master Ship0 1
Status	Task Complete
Task / Entry Date	15/04/2021
Task / Entry Time	13:53
Assigned / Recorder	LOVERIDGE, Anthony E
Region	Gladstone (South)
Hours of Effort	1
Due Date	
Days to Due Date	
Status Indices	1
Task Description	Phoned left message and then received return call from Master Ship 01.
(Running Sheet)	Master provided additional information regarding incident, Ship under power at
	8 knts, inbound.Buoy bounced and rolled along betwen the hulls of the ship. no track recorded but saved position on gps.
Completed Date	15/04/2021
Notes	<u></u>

Туре	Case Trigger
Details	
Notes	
Marine Incident No.	MSQ24816-2021
Incident Type	Marine Incident
Date	10/04/2021
Time	19:30:00:ttt
Caseman ID	
Incident Report Details	Collision with a floating object
Water Type	Partially Smooth
Coordinates	
Latitude	-25.15
Longitude	152.834444
Location Name	UC2 Buoy - Hervey Bay
Region	Gladstone (South)
Weather Conditions	Clear
Visibility Conditions	Good

Water Conditions	Calm
Swell Height (m)	
Wind Speed	Light (1 - 6 kts)
Wind Direction Type of Marine Incident	Collision with floating chiest
Incident Consequence	Collision with floating object Moderate damage to ship
Public Interest	Public interest unlikely
Highest Ship Class	Recreational
Compliance Weighting	0
Weighting Reason	
Original Rating Score	13
Final Rating Score	13
Category	3
Fatalities (No.)	0
Injuries - Serious (No.)	0
Injuries - Minor (No.)	0
Minor Damage (Ships)	0
Moderate Damage (Ships)	1
Major Damage (Ships)	0
Lost Ships	0
Pollution Category	\wedge
Pollution Source	
Pollutant	
Pollution - Extent (Length)	
Pollution - Extent (Width)	
Pollution - Extent (Area)	
Pollution - Extent (Volume)	
Pollution - Discharge Been Stopped?	No
Pollution - Photos Taken	No
Pollution - Video Taken	No
Pollution - Samples Taken	No
Pollutions - Samples Taken By	
Pollution - Statutory Authority	MSQ
Pollution - Combat Authority	MSQ
Pollution - Response Brief	
Notes	
(H-N1) Failure to comply with ColRegs	No
(H-N2) Insufficient voyage planning	No
(H-N3) Excessive Speed	No
(H-N4) Navigation Error - Other	No
(H-P5) Inadequate training	No
(H-P6) Inappropriate instructions to crew	No
(H-P7) Communications Failure	No
(H-P8) SMS Failure	No
(H-O9) Inattention	No
(H-O10) Inexperience/lack of knowledge	No
(H-O11) Bridge Watch keeping failure	No
(H-O12) Insufficient crew numbers	No
(H-O13) Mooring Failure	No
(H-C14) Insufficient maintenance	No
(H-O15) Overloading	No
(H-C15) Operational error - other	No
(M-V1) Bridge or Navigation Failure	No
(M-V2) Electrical system failure	No
(M-V4) Propulsion system failure	No
(M-V5) Hull Breach	No
(M-V6) Equipment failure - other	No
(M-V7) Fuel or gas leak	No
(M-DC8) Inadequate stability - shifting cargo	No
(M-D9) Inappropriate hull/equipment - Construction	No
04 D C40) 1	No
(M-DC10) Inappropriate hull/equipment - design	
(M-DC11) Vessel construction failure - other	No
	No No No

No
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Marine Incident Report Transport Operations (Marine Safety) Act 1994

This is the approved form to report a marine incident in Queensland. A ship's master must report a marine incident to a shipping inspector within 48 hours of the incident taking place, except in cases where the ship is lost or presumed lost in which case the incident must be reported by the ship's owner. If the initial report is not in the approved form a further report must be submitted using this form at the earliest opportunity. You should fill in all fields that are applicable. This form, and all supporting documents, should be returned to a Maritime Safety Queensland office, the Queensland Police Service or a Queensland Boating and Fisheries Patrol Office. Penalties apply for failing to report a marine incident.

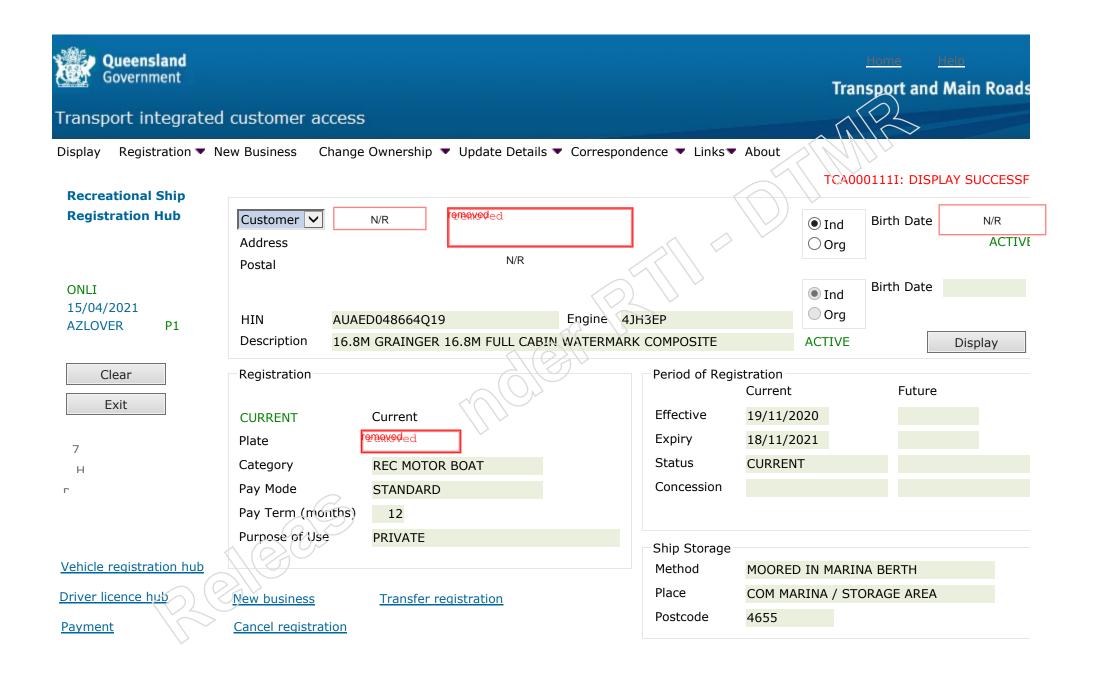
Position of incident	
Date Time Body of water/Landm	
10/4/21 1930 am HEKVEY	BAY
ocation	Latitude Longitud
Inland waters (non-tidal) Smooth waters Partiall	smooth waters Offshore 25'9 152'
ype of incident	
Collision:	Grounding: Other incident:
Capsizing between ships	unintentional person hit by propeller or s
Swamping with a fixed object	intentional water skiing incident
Flooding With a floating object	Onboard incident: parasailing incident
wiut an ariinta	fall within ship
Ties with all overhead obstraction	crushing or nigebise
with a submerged object	other ophogra incident
To the state of th	operation of the ship
Loss of ship 1 of the loss are unknown. If the sand on the next page.	elected where the ship has disappeared and the location and circums hip is an economic write-off this should be check marked as 'Ship los
ncident Severity Rating	
Fatality Serious injury ²	Ship lost ³ Damage to property only
Number of persons Number of persons	Ship damaged No damage
² Requiring admission to	
Calm Choppy Rough Very rough S Vind speed None Light (1-6kts) Moderate (7-15kts) Stro	Good Fair Poor trong current or tidal flow Swell height (metres) ang (16-33kts) Gale (>33kts) Wind coming from
Calm Choppy Rough Very rough S Vind speed None Light (1-6kts) Moderate (7-15kts) Street Ships involved	grong current or tidal flow Swell height (metres)
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Ships involved - continued	
Own ship Ship description Motorboat PWC Rowing boat House boat	Other ship Ship description Motorboat Sailing boat House boat
Other (describe)	Other (describe)
Engine Outboard Inboard (petrol) none Inboard/outboard Minboard (diesel) Other (describe)	Engine Outboard Inboard (petrol) Other (describe)
Number of engines Total engine power 2	Number of engines Total engine power
Hull material Steel Timber Ferro-cement Marine alloy Fibreglass/GRP Other (describe)	Hull material Steel Timber Ferro-cemen Marine alloy Fibreglass/CRP Other (describe)
COMPOSITE	
Damage to ship	Damage to ship
Ship lost Moderate damage (damaged but	☐ Ship lost ☐ Moderate damage (damaged but
Major damage ship remains seaworthy) (ship unseaworthy) Minor damage No damage	Major damage ship remains seaworthy) (ship unseaworthy) Minor damage No damage
People involved	(ship unseaworthy) Minor damage No damage
Own ship	Other ship
Ship owner's details	Ship owner's details
Owner's name	Owner's name
r @@qxed ed	
Dedicated person ashore/operations manager (commercial only)	Dedicated person ashore/operations manager (commercial or
Address N/R	Address
Email address	Email address
Email address N/R	Email address
N/R Master's details Master's name	Email address Master's details Master's name
N/R Master's details Master's name feranceded	Master's details Master's name
N/R Master's details Master's name remanyeded Gender Date of birth Male Female N/R	Master's details Master's name Gender Date of birth Male Female / /
Master's details Master's name Permenveded Gender Date of birth MAIL Female N/R Licence type and grade (for example, Master 5)	Master's details Master's name Gender Date of birth
Master's details Master's name Formerveded Gender Date of birth Male Female N/R Licence type and grade (for example, Master 5) Figure 1 Issuing authority	Master's details Master's name Gender Date of birth Male Female / /
Master's details Master's name fernexeded Gender Date of birth Male Female N/R icence type and grade (for example, Master 5) Recompleted Issuing authority N/R QD	Master's details Master's name Gender Date of birth Male Female / / Licence type and grade (for example, Master 5)
Master's details Master's name fenance of birth Male Female N/R Licence type and grade (for example, Master 5) Figure 1	Master's details Master's name Gender Date of birth Male Female / / Licence type and grade (for example, Master 5) Licence number Issuing authority Issue date Expiry date (if applicable)
Master's details Master's name Paranteded Gender Date of birth Male Female N/R icence type and grade (for example, Master 5) Issuing authority N/R Saue date Expiry date (if applicable) A 1 125 Master 5) Telephone (after hours)	Master's details Master's name Gender Date of birth Male Female / / Licence type and grade (for example, Master 5) Licence number Issuing authority Issue date Expiry date (if applicable) / / Telephone (business hours) Telephone (after hours)
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Master's details Master's name ereaveded Gender Date of birth Male Female N/R icence type and grade (for example, Master 5) icence number Issuing authority N/R Saue date Expiry date (if applicable) A / / / Z / J Master 5 Incontrol of the policy	Master's details Master's name Gender Date of birth Male Female / / Licence type and grade (for example, Master 5) Licence number Issuing authority Issue date Expiry date (if applicable) / / Telephone (business hours) Telephone (after hours)

Persons involved - continued	
Own ship	Other ship
Watchkeeper/person at the helm	Watchkeeper/person at the helm
Role	Role
Crewmember Passenger Master (details as above)	Crewmember Passenger Master (details as above
Nama	Name
remented ed	
Gender Date of birth	Gender Date of birth
	Gender Date of birth Male Female
Male Female N/R	I water I remain I re
Licence type and grade (for example, Master 5)	Licence type and grade (for example, Master 5)
Kee	
Licence number Issuing authority	Licence number Issuing authority
N/R QUD	
Issue date Expiry date (if applicable)	Issue date Expiry date (if applicable)
17/12/19 A/1/25	1 1
Telephone (business hours) Telephone (after hours)	Telephone (business hours) Telephone (after hours)
N/R	l v
Address	Address
N/R	
Email address	Email address
N/R	The state of the s
Witnesses	
Note: attach name and complete contact details of any witnesses to the in	cident on a separate page.
Deceased or injured person	
Note: if more than two people deceased or injured attach details on a sep-	
Name	injury status
	Fatality Missing person Serious injury 5 Minor injury
Gender Date of birth	5 A serious injury is defined as one where the injured person was
Male Female / /	admitted to hospital.
Address	Nature of injury Name of hospital
	Activity of injured or deceased person
	Person in charge (Master) Surfboard/surf-ski rider
Telephone Which ship was this person associated with?	Person at helm Swimmer
	Crew Para-flier
	Passenger on vessel Diver Water-skier Other
Deceased or injured person	
Name	Injury status
$({}^{\prime}{}_{\wedge})$	Fatality Missing person Serious injury 5 Minor injury
Gender Dais of birth	injut;
Male Female / /	Nature of injury Name of hospital
Timale Fellidie	
Address	Activity of injured or deceased person
	Person in charge (Master) Surfboard/surf-ski rider
	Person at helm Swimmer
Telephone Which ship was this person associated with?	Crew Para-flier
	Passenger on vessel Diver Water-skier Other
	Now any this forces to automorphism the standards of actions are the William
Privacy Statement: The Department of Transport and Main Roads collects information (Marine Safety) Act. This information may be released by the department to people	who have an interest that justifies access to the register, including people pro-
to buy, sell, lease or insure the ship and, when relevant, litigants in matters about m	arine incidents, or the insolvency, or external administration, or fraudulent activity
the registered owner, or Family Court matters. Your personal information will not be law.	discused to other third parties willion your consent unions authorised or require
	ntinued over page Page 3 of 4 TRB Forms Area Form F3071 CFD V01 Aug
GG GG	initiana Atai ballani

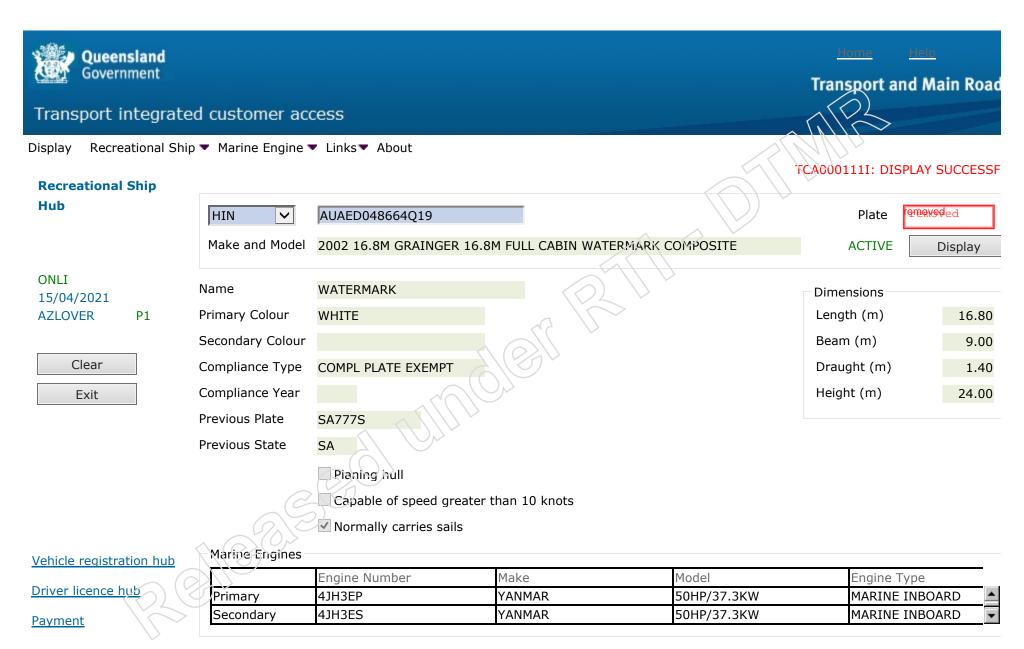
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T	PAIRWAY TO SOUTH AND AND AND AND AND AND AND AND AND AND
	FAIRWAY TO DOUTON
	+ Alkani
	00240
	LIGHT NOT WORKING!!
40	er's report Vessel envoure from Lody Musgrave Urangan. Masser Jouner on watch. No ma
40 A13	er's report Vessel envoure from Looly Mugrave Urangan. Masses founer on watch. No ma good. Fairway 2004 light spotted well actuance arisis entrance to Hervey Bay sed by fairway ight. The trial to identify where lasterals we then will on chart couldn't see any
40	Orangan. Masser/owner on watch. No ma good. Fairway lovey light spotted well downine amal entrance to Herry Bay red by fairway light.
40	Orangan. Masser/owner on watch. No ma good. Fairway lovey light spotted well downine amal entrance to Herry Bay red by fairway light.
40	Overgen. Macker fourier on watch. No ma 9004. Favivir 1000 light spotted well downing and entrance to Herrey Bay red by favivir light. See to add to identify where lasterals we then wife on chart couldn't see any lasterals in vicinity of favivary.
40	Overgen. Macker fourier on watch. No ma 9004. Favivir 1000 light spotted well downing and entrance to Herrey Bay red by favivir light. See to add to identify where lasterals we then wife on chart couldn't see any lasterals in vicinity of favivary.
40	Overgen. Macker fourier on watch. No ma 9004. Favivir 1000 light spotted well downing and entrance to Herrey Bay red by favivir light. See to add to identify where lasterals we then wife on chart couldn't see any lasterals in vicinity of favivary.
to VIII QUI as INT 30 Ue and Ves	Overgen. Macker fourier on watch. No ma 9004. Favivir 1000 light spotted well downing and entrance to Herrey Bay red by favivir light. See to add to identify where lasterals we then wife on chart couldn't see any lasterals in vicinity of favivary.
to VIII GUI AS LIT SO Je AN Ves	Orangan: Made: Jounes on Watch. No ma good. Favilies 2004 light Sootted well downing and entrance to Hervey Bay red by faviling light. Star + red to Identify where lasterals we then ville on chart couldn't see any lasterals in vicinity of faviliary sel struck UC2 on Storboard sow el bough mode to way inder muse dech les review at stern reserve to range to make damage receil continued to range to make
to VIII QVIII as INT 30 Ve Ves	Orangan: Made: Jounes on Watch. No ma good. Favilies 2004 light Sootted well downing and entrance to Hervey Bay red by faviling light. Star + red to Identify where lasterals we then ville on chart couldn't see any lasterals in vicinity of faviliary sel struck UC2 on Storboard sow el bough mode to way inder muse dech les review at stern reserve to range to make damage receil continued to range to make
HO VIS	Orangan: Macker owner on watch. No mo good. Fairway long to sported well advance and entrand to Herry Bay hed by fairway light. See the a to identify where losterals we have will be on chart couldn't see any lasterals in vicinity of fairway. See struck UC2 on starboard how el more than watch or use declaration of stern vessel is ratarbarant and shopped to identify a bject and check where starbard to make the stern was to make the stern of person who
TO VIS	Usangan. Masker owner on watch. No may good. Fairway 2004 light spotted well advance and entrance to Herry Bay red by fairway light. Selection of chart, where laderals we have size on chart, couldn't see any laderals in vicin in a fairway selection of several

Report details



Recreational Ship Hub

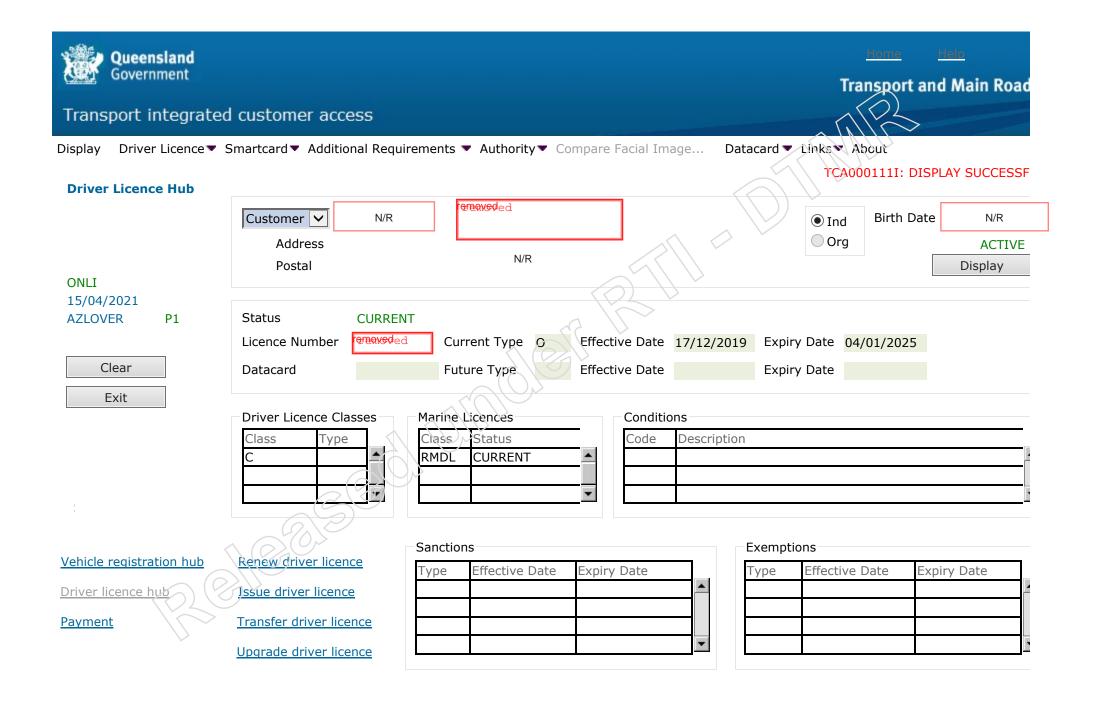
Page 1 of 1



Edit existing recreational ship

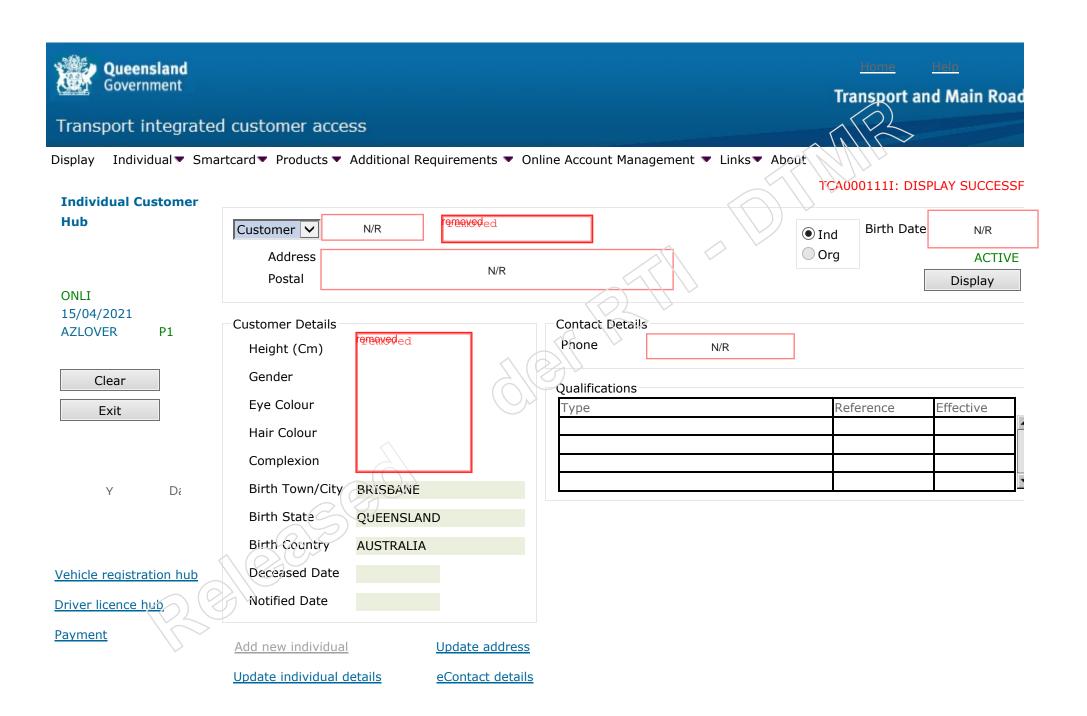
Driver Licence Hub

Page 1 of 1



Individual Customer Hub

Page 1 of 2



Individual Customer Hub Page 2 of 2



Hervey Bay, Queensland April 2021 Daily Weather Observations



		Ten	nps	Dain		Cum	Max	wind g	ust			98	am					3p	m		
Date	Day	Min	Max	Rain	Evap	Sun	Dirn	Spd	Time	Temp	RH	Cld	Dirn	Spd	MSLP	Temp	RH	Cld	Dirn	Spd	MSLP
		°C	°C	mm	mm	hours		km/h	local	°C	%	eighths		km/h	hPa	°C	%	eighths		km/h	hPa
1	Th	17.9	26.4	8.4			SSE	44	15:03	20.6	89	7	S	17	1019.4	25.8	60	<u> </u>	SSE	22	1016.4
2	Fr	18.6	26.6	9.2			SSE	52	11:43	24.9	63	1	SE	20	1019.4	21.1	94	8	s	20	1017.9
3	Sa	19.4	27.3	15.4			ESE	46	23:27	24.4	74	6	SE	26	1018.2	26.3	64	8	SE	24	1015.5
4	Su	21.4	23.9	7.0			SSE	46	22:38	22.0	95	8	SSE	13	1016.3	22.5	95	8	SSE	19	1012.7
5	Мо	21.9	25.5	32.0			SSE	41	03:42	23.7	96	8	S	17	1011.9	23.5	94	8	SE	13	1009.6
6	Tu	22.0	27.2	9.2			S	46	09:53	25.1	87	8	SSE	15	1012.5	25.9	78	5	SSE	19	1010.0
7	We	21.0	27.2	0.4			S	43	11:58	24.2	81	6	SSW	19	1011.3	25.2	77	8	SSW	15	1007.8
8	Th	18.1	29.0	0			S	31	09:50	24.3	72		S	15	1008.3	27.3	65	1	ESE	20	1005.3
9	Fr	18.7	28.5	0			NNE	26	14:31	25.2	75		SW	9	1009.8	26.0	75	2	N	19	1005.5
10	Sa	18.0	31.1	0.2			N	20	00:41	25.3	66		VV	7	1009.4	30.2	49		NNE	13	1006.0
11	Su	17.3	32.0	0			Е	28	15:13	26.9	54	8	wsw	2	1010.4	29.8	50	4	NE	11	1007.7
12	Мо	14.5	26.4	0			SE	33	14:08	19.2	42		SSW	19	1016.5	25.0	62	1	SE	20	1014.3
13	Tu	15.6	25.2	0			SSE	39	08:32	23.1	57	5	SE	19	1020.0	23.8	51		SE	22	1018.0
14	We	14.3	26.8	0			Е	26	13:37	21.5	70		SW	13	1019.6	25.8	51		Е	17	1016.1
15	Th	14.3		0						22.2	73	7 //	ssw	13	1017.5						
Statistic	s for the	first 15	days of	April 20)21					_											
	Mean	18.2	27.4	•						23.5	72	6		14	1014.7	25.6	68	4		18	1011.6
	Lowest	14.3	23.9							19.2		1	WSW	2	1008.3	21.1	49	1	NE	11	1005.3
	Highest	22.0	32.0	32.0			SSE	52	۵	26.9	96	8	SE	26	1020.0	30.2	95	8	SE	24	1018.0
	Total			81.8					77	17											

Lady Elliot Island, Queensland April 2021 Daily Weather Observations



		Ten	nps	Rain	Even	Sun	Max	wind g	ust			98	ım					3	om		
Date	Day	Min	Max	Kain	Evap	Sun	Dirn	Spd	Time	Temp	RH	Cld	Dirn	Spd	MSLP	Temp	RH	Cld	Dirn	Spd	MSLP
		°C	ç	mm	mm	hours		km/h	local	°C	%	eighths		km/h	hPa	°C	%	eighths		km/h	hPa
1	Th	21.5	27.1	1.2			SE	30	10:58	25.3	53		SE	19	1017.9	25.8	56		ESE	20	1015.7
2	Fr	22.5	27.5	0.4			SE	37	23:44	25.7	54		ESE	20	1017.9	25.8	73		SE	22	1015.8
3	Sa	20.7	26.9	9.0			ESE	41	04:16	24.5	82		ESE	22	1016.2	25,5	76		ESE	20	1013.7
4	Su	22.7	25.9	24.6			ESE	43	20:09	24.1	99		ESE	22	1013.5	23.6	99		SE	24	1009.4
5	Мо	23.4	26.2	118.8			SE	31	01:31	24.7	96		SE	17	1010.5	24.4	99		SSE	13	1008.5
6	Tu	23.7	26.7	28.0			SE	22	17:28	26.0	87		SSE	11	1012.2	26.0	83		SSE	11	1009.4
7	We	23.1		0.4						23.7	89		S	13	1011.2	26.4	75		S	19	1007.8
8	Th	23.5	26.8				s	39	01:15	25.3	74		S	17	1008.8	25.4	74		SE	11	1006.0
9	Fr	23.5	27.6	0			N	24	21:18	26.0	73		SSW	7	1009.9	26.7	78		NNW	11	1006.3
10	Sa	24.9	29.0	0			WNW	33	03:21	27.2	76		VV	17	1009.7	28.4	64		WNW	11	1007.0
11	Su	24.8	29.1	0			sw	44	19:29	27.0	83		// W	15	1010.5	28.0	70		N	9	1008.5
12	Мо	21.1	24.7	0			S	52	03:57	21.9	53		S	28	1016.0	24.2	64		SSE	20	1014.0
13	Tu	21.8	25.7	0			SE	50	07:31	24.5	58		2 ESE	35	1018.9	23.5	56		SE	31	1017.2
14	We	21.9	26.9	0			SE	39	00:06	25.1	52	1	ESE	20	1018.7	25.5	60		SE	20	1016.1
15	Th	22.7		0						25.7	60	7	ESE	17	1016.8						
Statistic	s for the	e first 15	days of	April 20	21		•					\	•	•		·					
	Mean	22.8	26.9							25.1	72			18	1013.9	25.7	73			17	1011.1
	Lowest	20.7	24.7							21.9	52		SSW	7	1008.8	23.5	56		N	9	1006.0
	Highest	24.9	29.1	118.8			S	52	5	27.2	99		ESE	35	1018.9	28.4	99		SE	31	1017.2
	Total			182.4					7//	77											

From: VTSGladstone

Sent: Saturday, 10 April 2021 7:40 PM

To: John A Fallon; Jennifer C Tumbers; Raymond L Hunt; Kristopher K Chant;

MSQ.WaterwayOps.GladstoneSouth

Subject:GLT134 - Red Lateral Light south of Urangan FWB ExtinguishedAttachments:GLT134 - Red Lateral Light South of Urangan FWB Extinguished.docm

Good evening,

Please find attached Incident Report for Navaid Defect.

Kind regards,

Sandra Johnson

Duty VTSO | Vessel Traffic Services Gladstone

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Floor 7 | Gladstone - Marine Operations | 21 Yarroon Street | Gladstone Old 4680

PO Box 123 | Gladstone Qld 4680 (07) 4971 5208 | F: (07) 4971 5212 vtsgladstone@msq.qld.gov.au

visgiaustone@msq.qiu.gov.au

www.msq.qld.gov.au

			V151	nciae	ent Kep	ort		
TYPE:	Incident		Event		Defect			
AREA:	Reef VTS		Port VTS	\boxtimes	Both			
NUMBER:	GLT134/	2021						
Region:	Cairns		Townsville		Mackay 🗌	G	ladstone 🛛	Brisbane □
Reported By:	Name:	!			Date -	10/04	/2021	Time - 1933
Callers Contact N	No	Wat	ermark					
VHF Channel/s		16						
				VECCEL				
Shin Nama				VESSEL I	I	tration		
Ship Name					IMO / Regis	stration	^	
Flag Next Port					DWT	^		
Vessel Type					Cargo	}		
LOA					Draft		>	
Incident Location (physical)	1					7	I	
· · · · · · · · · · · · · · · · · · ·		Latitu	de °	'S	Longit	ude	° 'E	
Date/Time incide	nt		'		N° of person Involved			
Is anyone injured	l?	☐ Yes	/ No					
Is life threatened	?	☐ Yes	/ No		(0)			
Is there any pollu	ıtion?	☐ Yes	/ No					
Pilot onboard?		☐ Yes	/ No)°			
				1				
0			01: .: . 0	INCID	PENI	NA 0 D		
General	EQQUE		Shipping Cas				rovided	
SEARCH AND R			GROUND!				ALLOW WATER	
MEDICAL EMER	KGENCY		COLLISION	N .			TED CORRIDOR	
POLLUTION	DENT		FIRE		DE		TICAL TURN	
SECURITY INCI			MECHANIC				TED DSA	
☐ PILOTAGE INCI	DENT	-0	LINEAR MIS	5 REPURT	ED	OTH	1EK	
		7	7	EVE	NT			
	(Note	, Pollution, Security In					
NAVIGATION HA	AZARD		UNIDENTII	-IED VESS	EL	│	CE OF REFUGE	
OTHER –								
	(7/1)			DEF	ECT			
☐ STEERING GEA	R		☐ BRIDGE E	QUIPMENT	-	☐ INA	DEQUATE MOORIN	IG
☐ PROPELLER			THRUSTE	RS BOW/S	TERN	□ NA\	/IGATION EQUIPM	ENT
☐ ELECTRICAL/G	NERATOR			DER			MMUNICATIONS EC	QUIPMENT
☐ MAIN ENGINE			STABILITY				STANDARD COND	ITIONS
☐ BRIDGE/ENGINI	E CONTROL		☐ PUMPING/	COOLING	SYSTEMS	LIFE	SAVING / FIRE- EC	QUIPMENT
☐ CARGO DAMAG	SED/LEAKAG	E	☐ MASTER /	CREW CO	MPETANCE/ C	COMMUN	NICATION	



		AID TO	NAVIGAT	ION	
Muout			email to Coastal.	AtoN.Defects@tmr.qld.gov.au	DACON
☐ LIGHT OTHER -	BUG	JY		<u> </u>	RACON
DESC./CHARACTER -					
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	ted Lateral Light Sout ° 'S			° 'E	
Latitude Report confirmed?	S	│ Longitud ′	ie	ᆫ	
Details:					
Details.					
		•		next page)	
Summary of Events:	Vessel advising Rec	l lateral li	ght south	of Urangan FWB	is extinguished.
(Including weather conditions)					
oonalions)				<	
					\mathcal{I}
					<u></u>
Note: Events to be					
time stamped.					
			4		
				>	
		4	>		
	Double Click Here to	Spell Ch	eck		
	Bodsto Gilott Horo to	NP -	<u> </u>		
Actions taken:		>			
Contacted (Who)		⊠ RHM	\boxtimes ahm \boxtimes] MVTM ⊠ AM □ AN	ISA / RCC QPS (Distress)
See relevant SOP for o	ontact details	Other			
		Outer			
Other (e.g. POLREP is	ssued, Issues Alert)				
Safety Signal/Naviga	ation Broadcast:				
	Commenced:	Date- Cl	ick here	to enter a date.	Time-
	Ceased:	Date- Cl	ick here	to enter a date.	Time-
	22	1	ı		
Person completing report:	S. Johnson		Date- 10)/04/2021	Time-1933
	hone 49715208		Email		

From: N/R

Sent: Wednesday, 28 April 2021 11:59 AM

To:Anthony Z LoveridgeSubject:MIR MSQ24816-2021

Attachments: IMG_5923.jpg; IMG_5874.jpg

Hi Anthony I trust you are well.

Thanks for attending the vessel for the above incident report.

As requested, attached are some photos of the bow and stern damage for your records.

Is it possible to provide the geometry of the buoy (pdf drawing is fine), particularly the freeboard to the broken light fitting? I need to determine if it was possible for buoy to have contacted the underside of the trampoline, potentially causing some damage. I can then make arrangements to replace it.

You noted during our meeting that MSQ can communicate with the marks via SMS to determine the functionality of the lights. Does this communication also include position data for non-fixed marks? Do they routinely send status information for position and light function?

Anyhow, I thought this feedback could be considered to help mitigate future risk where marks have been moved from their position and not reported.

Kind regards

remenveded





ed perpending From: Tuesday, 4 May 2021 10:56 AM Sent:

To: Anthony Z Loveridge Re: MIR MSQ24816-2021 Subject:

Hi Anthony

Thanks for sending that through and explaining how it all works.

Have a good day.

remequed

From: Anthony Z Loveridge < Anthony. Z. Loveridge @msq.qld.gov.au >

Sent: Tuesday, 4 May 2021 8:59 AM To energy ed **Subject:** RE: MIR MSQ24816-2021

I have been on leave,

Thanks for the photos.

The Buoy is an SLB1500 And did not have a top mark or cage, see diagram.

The SL-75 lantern is designed to allow for complete programming (via Bluetooth®).

An easy to use interface and with intelligence built-in, the App enables access to read and program the lantern functions from a mobile device up to 50 metres away.

If the light is missing it cannot provide the data.

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: Paranted ed

N/R

Sent: Wednesday, 28 April 2021 11:59 AM

To: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: MIR MSQ24816-2021

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Anyhow, I thought this feedback could be considered to help mitigate future risk where marks have been moved from their position and not reported.

Kind regards

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From: Anthony Z Loveridge

Tuesday, 4 May 2021 8:59 AM Sent:

To: regveded

Subject: RE: MIR MSQ24816-2021 **Attachments:** Screenshot SLB 1500.png

Hi ren

I have been on leave,

Thanks for the photos.

The Buoy is an SLB1500 And did not have a top mark or cage, see diagram.

The SL-75 lantern is designed to allow for complete programming (via Bluetooth®).

An easy to use interface and with intelligence built-in, the App enables access to read and program the lantern functions from a mobile device up to 50 metres away.

If the light is missing it cannot provide the data.

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au

www.msq.qld.gov.au

From emayeded

N/R

Sent: Wednesday, 28 April 2021 11:59 AM

To: Anthony Z Loveridge <Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: MIR MSQ24816-2021

Hi Anthony

I trust you are well.

Thanks for attending the vessel for the above incident report.

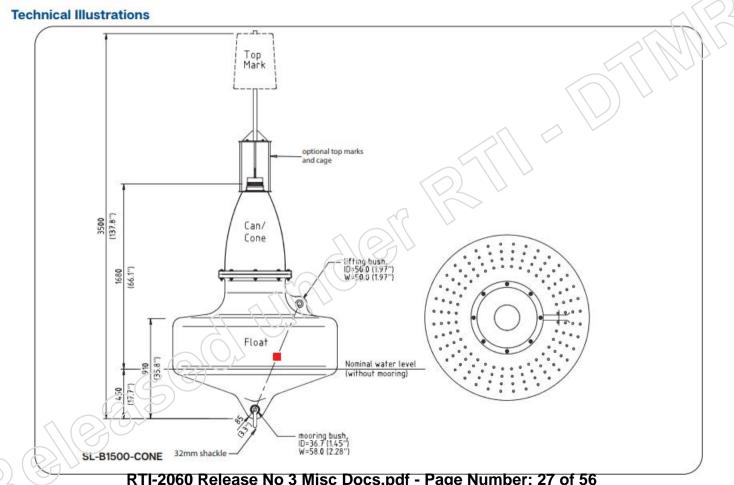
As requested, attached are some photos of the bow and stern damage for your records.

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Anyhow, I thought this feedback could be considered to help mitigate future risk where marks have been moved from their position and not reported.





CONWAY Neil <Neil.Conway@daf.gld.gov.au> From: Sent: Monday, 19 April 2021 12:44 PM Anthony Z Loveridge To: **RE: Vessel Movements** Subject: Hi Anthony, came through at 0945 on the 9th. I spoke to the owner/skippe N/R came in through N/R/ the day so didn't notice anything but said he recalls a call on channel 16 while he was off the Cape at night with a person advising the marine rescue in Gladstone that the light was out on a nav aid at the Fairway. The next boat through the area came in on 13/4 at 0546 which was Otherwise no other trawlers. Hope this helps. Regards. **Neil Conway District Officer** Queensland Boating and Fisheries Patrol Department of Agriculture and Fisheries E neil.conway@daf.qld.gov.au W www.daf.qld.gov.au Queensland Buccaneer Avenue, Urangan QLD 4655 Government **Customer Service Centre 13 25 23** Follow us on Facebook, Twitter, YouTube, Instagram and LinkedIn! Download the free 'Qld Fishing' smart phone app from Apple and Google app stores.

From: Anthony Z Loveridge < Anthony. Z Loveridge @msq.qld.gov.au>

Sent: Monday, 19 April 2021 11:32 AM

To: CONWAY Neil

Cc: Anthony M Macfarlane **Subject:** Vessel Movements

Hi Neil

As per our phone call;

I am Investigating a Marine Incident where a Recreational sailing ship hit a Navigation Aid UC2. UC2 position 25° 8.9642'S, 152° 50.4498'E, located near the Hervey bay Fairway Beacon. The master claims that the light was not operational; and the buoy was out of position.

Can you please provide any fishing ships that may have transited the area near the Fairway Beacon and UC2 between:

17:30 8-4-2021 and 19:30 10-4-2021 that may be able to provide the status of the light? Operating or not operating?

Thanks.

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

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From: Anthony Z Loveridge

Sent: Tuesday, 20 April 2021 4:36 PM

To: VTSGladstone

Subject: RE: Watermark | Strack.

Thank You

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: VTSGladstone <VTSGladstone@tmr.qld.gov.au>

Sent: Tuesday, 20 April 2021 11:00 AM

To: Anthony Z Loveridge <Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark AIS track.

Hi Anthony,

We have just done another recording for you of the movements around those times.

We paused the replay a few times to show the position of the WATERMARK, as we can't have the position displayed all the time.

If anything needs clarifying let us know.

The ZOOMED recording is located at <u>G:\GLOM\Mariops\VTS\Documents\Archives\Incidents\2021\WATERMARK vs</u>
<u>Hervey Bay FWB</u>

Regards, Josh

Regards, **Duty VTSO**

Vessel Traffic Service Operator | Vessel Traffic Services Gladstone

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Floor 7 | Gladstone - Marine Operations | 21 Yarroon Street | Gladstone Qld 4680 GPO Box 123 | Gladstone Qld 4680

(07) 4971 5208

vtsgladstone@msq.qld.gov.au

www.msq.qld.gov.au www.tmr.qld.gov.au From: Anthony Z Loveridge < Anthony Z Loveridge@msq.qld.gov.au>

Sent: Tuesday, 20 April 2021 10:21 AM

To: VTSGladstone < <u>VTSGladstone@tmr.qld.gov.au</u>>

Subject: RE: Watermark remarked IS track.

Hi Josh,

can you provide the positions of the ship at those times please?

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main

Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: VTSGladstone < VTSGladstone@tmr.qld.gov.au>

Sent: Tuesday, 20 April 2021 10:16 AM

To: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark AMG77Q AIS track.

HI Anthony,

Yes those local times look correct.

Regards, Josh.

Regards, **Duty VTSO**

Vessel Traffic Service Operator | Vessel Traffic Services Gladstone

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main

Roads

Floor 7 | Gladstone - Marine Operations | 21 Yarroon Street | Gladstone Qld 4680

GPO Box 123 | Gladstone Qld 4680

(07) 4971 5208

vtsgladstone@msq.qld.gov.au

www.msq.qld.gov.au www.tmr.qld.gov.au

From: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au >

Sent: Tuesday, 20 April 2021 8:56 AM

To: VTSGladstone < <u>VTSGladstone@tmr.qld.gov.au</u>>

Subject: RE: Watermark AMG77Q AIS track.

Hi Lindsay.

Thanks for the track.

Can you please confirm the position of watermark at 2:58:01 on the video, 19:27:29hrs real?

Can you please confirm the position of watermark at 3:00:00 on the video, 19:29:28hrs real?

The details are too hard for me to read off the video.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Regulation

Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: VTSGladstone < VTSGladstone@tmr.qld.gov.au>

Sent: Tuesday, 20 April 2021 6:27 AM

To: Anthony Z Loveridge < Anthony Z Loveridge@msq.qld.gov.au>

Subject: RE: Watermark meded AIS track.

Hi Anthony,

Video requested can be found <u>G:\GLOM\Mariops\VTS\Documents\Archives\Incidents\2021</u>

Kind regards,

Lindsay Brookes

Duty VTSO | Vessel Traffic Services Gladstone

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Floor 7 | Gladstone - Marine Operations | 21 Yarroon Street | Gladstone Qld 4680

PO Box 123 | Gladstone Qld 4680 (07) 4971 5208 | F: (07) 4971 5212 VTSGladstone@msq.qld.gov.au www.msq.qld.gov.au

From: Anthony Z Loveridge < Anthony. Z.Loveridge@msq.qld.gov.au>

Sent: Monday, 19 April 2021 15:11

To: VTSGladstone < <u>VTSGladstone@tmr.qld.gov.au</u>>

Subject: RE: Watermark | AIS track.

Thanks Lindsay

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main

Roads

Buccaneer Drive Hervey Bay Qld 4655 (07) 41949603 M: N/R anthony.z.loveridge@msg.qld.gov.au

www.msq.qld.gov.au

. . .

From: VTSGladstone < <u>VTSGladstone@tmr.qld.gov.au</u>>

Sent: Monday, 19 April 2021 3:10 PM

To: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark remarkeded IS track.

Ok I started it again for the new times and set it to 1x so Night shift will have to save it for you tonight. If not I will save and finish it off in the morning.

Cheers

Lindsay

From: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Sent: Monday, 19 April 2021 14:45

To: VTSGladstone < VTSGladstone@tmr.qld.gov.au>

Subject: RE: Watermar [energed] AIS track.

Hi Lindsay Thanks,

A 4 hr window is ok.

16:30 to 20:30 Is the main area I needed to cover.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au

www.msq.qld.gov.au

From: VTSGladstone < VTSGladstone@tmr.qld.gov.au>

Sent: Monday, 19 April 2021 1:58 PM

To: Anthony Z Loveridge <anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark removeded AIS track.

Hi Anthony,

The max recording time I can do is 4 hours at a time so I have set it up to replay at a speed of 5x so it should fit the complete 7 hr period into it that you requested. If when playing it back you need it slower in spots of interest please let us know the time stamp and we're do these spots at normal speed.

I will let you know when it is finished. I will save it on G drive and let you know where so you can review it.

Cheers

Lindsay

From: Anthony Z-Loveridge < Anthony Z-Loveridge@msq.qld.gov.au>

Sent: Monday, 19 April 2021 12:02

To: VTSGladstone < VTSGladstone@tmr.qld.gov.au>

Cc: Anthony M Macfarlane < Anthony.M.Macfarlane@msq.qld.gov.au >

Subject: Watermark remarkeded AIS track.

Good Afternoon

Can you please provide the AIS track for Watermark Provided

Date 10-4-2021 between 15:30 and 22:00 hrs.

The ship was involved in a marine incident collision with a Nav Aid.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: Anthony Z Loveridge

Sent: Tuesday, 20 April 2021 4:36 PM

To: VTSGladstone

Subject: RE: Watermark remerkeded IS track

Thank You

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: VTSGladstone < VTSGladstone@tmr.qld.gov.au>

Sent: Tuesday, 20 April 2021 11:00 AM

To: Anthony Z Loveridge <Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark removeded AIS track.

Hi Anthony,

We have just done another recording for you of the movements around those times.

We paused the replay a few times to show the position of the WATERMARK, as we can't have the position displayed all the time.

If anything needs clarifying let us know.

The ZOOMED recording is located at <u>G:\GLOM\Mariops\VTS\Documents\Archives\Incidents\2021\WATERMARK vs</u>
Hervey Bay FWB

Regards, Josh

Regards, **Duty VTSO**

Vessel Traffic Service Operator | Vessel Traffic Services Gladstone

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Floor 7 | Gladstone - Marine Operations | 21 Yarroon Street | Gladstone Qld 4680 GPO Box 123 | Gladstone Qld 4680

(07) 4971 5208

vtsgladstone@msq.qld.gov.au

www.msq.qld.gov.au www.tmr.qld.gov.au From: Anthony Z Loveridge < Anthony Z Loveridge@msq.qld.gov.au>

Sent: Tuesday, 20 April 2021 10:21 AM

To: VTSGladstone < <u>VTSGladstone@tmr.qld.gov.au</u>>

Subject: RE: Watermark generated AIS track.

Hi Josh,

can you provide the positions of the ship at those times please?

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: VTSGladstone < <u>VTSGladstone@tmr.qld.gov.au</u>>

Sent: Tuesday, 20 April 2021 10:16 AM

To: Anthony Z Loveridge <anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark AIS track.

HI Anthony,

Yes those local times look correct.

Regards, Josh.

Regards, **Duty VTSO**

Vessel Traffic Service Operator | Vessel Traffic Services Gladstone

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Floor 7 | Gladstone – Marine Operations | 21 Yarroon Street | Gladstone Qld 4680 GPO Box 123 | Gladstone Qld 4680

(07) 4971 5208

vtsgladstone@msq.qld.gov.au

www.msq.qld.gov.au www.tmr.qld.gov.au

From: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au >

Sent: Tuesday, 20 April 2021 8:56 AM

To: VTSGladstone < <u>V75Gladstone@tmr.qld.gov.au</u>>

Subject: RE: Watermark generoded AIS track.

Hi Lindsay.

Thanks for the track.

Can you please confirm the position of watermark at 2:58:01 on the video, 19:27:29hrs real?

Can you please confirm the position of watermark at 3:00:00 on the video, 19:29:28hrs real?

The details are too hard for me to read off the video.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Reads

Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: VTSGladstone < VTSGladstone@tmr.qld.gov.au>

Sent: Tuesday, 20 April 2021 6:27 AM

To: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark remembeded IS track.

Hi Anthony,

Video requested can be found G:\GLOM\Mariops\VTS\Documents\Archives\Incidents\2021

Kind regards,

Lindsay Brookes

Duty VTSO | Vessel Traffic Services Gladstone

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Floor 7 | Gladstone - Marine Operations | 21 Yarroon Street | Gladstone Qld 4680

PO Box 123 | Gladstone Qld 4680 (07) 4971 5208 | F: (07) 4971 5212 <u>VTSGladstone@msq.qld.gov.au</u>

www.msq.qld.gov.au

From: Anthony Z Loveridge <anthony.Z.Loveridge@msq.qld.gov.au>

Sent: Monday, 19 April 2021 15:11

To: VTSGladstone < <u>VTSGladstone@tmr.qld.gov.au</u>>

Subject: RE: Watermark remembeded AIS track.

Thanks Lindsay

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queens and Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Moaus

Buccaneer Drive Hervey Bay Qld 4655 (07) 41949603 M: N/R

anthony.z.loveridge@msq.qld.gov.au

www.msq.qld.gov.au

From: VTSGladstone < VTSGladstone@tmr.qld.gov.au >

Sent: Monday, 19 April 2021 3:10 PM

To: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark AMG77Q AIS track.

Ok I started it again for the new times and set it to 1x so Night shift will have to save it for you tonight. If not I will save and finish it off in the morning.

Cheers

Lindsay

From: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Sent: Monday, 19 April 2021 14:45

To: VTSGladstone < <u>VTSGladstone@tmr.qld.gov.au</u>>

Subject: RE: Watermark AIS track.

Hi Lindsay Thanks,

A 4 hr window is ok.

16:30 to 20:30 Is the main area I needed to cover.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au

www.msq.qld.gov.au

From: VTSGladstone < VTSGladstone@tmr.qld.gov,au>

Sent: Monday, 19 April 2021 1:58 PM

To: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Subject: RE: Watermark remarkeded AIS track.

Hi Anthony,

The max recording time I can do is 4 hours at a time so I have set it up to replay at a speed of 5x so it should fit the complete 7 hr period into it that you requested. If when playing it back you need it slower in spots of interest please let us know the time stamp and we re do these spots at normal speed.

I will let you know when it is finished. I will save it on G drive and let you know where so you can review it.

Cheers

Lindsay

From: Anthony Z-Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au >

Sent: Monday, 19 April 2021 12:02

To: VTSGladstone < VTSGladstone@tmr.qld.gov.au>

Cc: Anthony M Macfarlane < Anthony.M.Macfarlane@msq.qld.gov.au >

Subject: Watermark **Temple ded** AIS track.

Good Afternoon

Can you please provide the AIS track for Watermark

remayeded

Date 10-4-2021 between 15:30 and 22:00 hrs.

The ship was involved in a marine incident collision with a Nav Aid.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au www.msq.qld.gov.au

From: David S Jorgensen

Sent: Monday, 19 April 2021 1:35 PM

To: Anthony Z Loveridge **Subject:** RE: Fairway Beacon

Attachments: Urangan Fairway Work Order 190421.pdf

Work Order attached for Urangan Fairway – position included on form.

When UC3 was removed on the 16th April 2021 it was in perfect charted position and light was fully operational with 4.0 volts of charge.

Kind regards,

David Jorgensen

Marine Officer | Urangan | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 4194 9606 | M: N/R david.s.jorgensen@msq.qld.gov.au

www.msq.qld.gov.au

From: Anthony Z Loveridge < Anthony.Z.Loveridge@msq.qld.gov.au>

Sent: Monday, 19 April 2021 11:49 AM

To: David S Jorgensen < David.S.Jorgensen@msq.qld.gov.au>

Subject: Fairway Beacon

Hi David,

Can you provide me with the position of the Fairway Beacon From ANAMS, Thanks?

Can you confirm the operational status of UC3 light when it was removed, battery voltage and so on?

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R anthony.z.loveridge@msq.qld.gov.au

www.msq.qld.gov.au

Svc Type: RE Part

Part Name

Flagged By: DSJ

Qty

bottom ladder section needs replacing

Jorgensen David

Note

FLAGGED SERVICES

Svc Date: 25 OCT 19 Description Code

Visual Inspection

Other Service Details:

SERVICE HISTORY Svc Date: 12 NOV 20 Svc Type: RE Svcd By: DSJ Jorgensen David Code <u>Part</u> **Qty** Description Part Name Note 53 Serviced Other Service Details: Svc Date: 25 OCT 19 Svc Type: RE DSJ Jorgensen David Svcd By: Code Description <u>Part</u> Part Name Qty Note 53 Serviced 17 Cleaned Visual Inspection 10 bottom ladder section needs replacing Other Service Details: **Svc Date: 03 OCT 18** Svc Type: RE Svcd By: DSJ Jorgensen David Code <u>Part</u> Qty **Description** Part Name Note 53 Serviced 17 Cleaned Other Service Details:

CHARGEABLE	DETAILS:
DEBTOR:	

DEBTOR: COST ITEMS:

P/No S/No Qty Notes

NOTE:	
	•

SERVICE ELEMENTS:

S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
66	Dinghy - Aluminium	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
75	Vehicle - 4 x 4	Hourly Rate	hr
76	Travelling Allowance	Overnight Accomodation	dy
80	Dinghy - Aluminium	Daily Rate	dy
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr

From: David S Jorgensen

Sent: Friday, 10 September 2021 12:18 PM

To: Anthony Z Loveridge

Subject: RE: UC2 and UC3 Service history

Attachments: UC2 Light Work Order.pdf; UC2 Structure Work Order.pdf; UC3 Light Work

Order.pdf; UC3 Structure Work Order.pdf

Afternoon,

See attached.

Kind regards,

David Jorgensen

Marine Officer | Urangan | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 4194 9606 | M: N/R david.s.jorgensen@msq.qld.gov.au

www.msq.qld.gov.au

From: Anthony Z Loveridge <Anthony.Z.Loveridge@msq.qld.gov.au>

Sent: Friday, 10 September 2021 11:17 AM

To: David S Jorgensen < David.S.Jorgensen@msq.qld.gov.au>

Subject: UC2 and UC3 Service history

Good Morning Dave,

Can you please supply the Service history for structure and lights for UC2 and UC3.

From 10 April 2020 to present.

Thanks

Kind Regards

Anthony Loveridge

Marine Officer | Shipping Inspector | Gladstone South

Maritime Safety Queensland Branch Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 41949603 | M: N/R

anthony.z.loveridge@msq.qld.gov.au

www.msq.qld.gov.au

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SERVICE HISTORY

Svc Date:	12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	Note
53	Serviced					
Other Servi	ice Details:					
Svc Date:	25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	Note
53	Serviced					
Other Servi	ice Details:					
Svc Date:	10 APR 19	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David
Code	Description	<u>Part</u>	Part Name		<u>Qty</u>	Note
26	Unplanned					
9	Reported					
25	Missing					
5	Replaced	3042	Lantern		1	
Other Servi	ice Details:					$\langle \langle \rangle \rangle$

CHARGEABLE DETAILS:

DEBTOR: NOTE: SERVICE ELEMENTS:

P/No	S/No	Qty	
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	SERVICE ELEME	NTS:	
S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
80	Dinghy - Aluminium	Daily Rate	dy
66	Dinghy - Aluminium	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
76	Travelling Allowance	Overnight Accomodation	dy
75	Vehicle - 4 x 4	Hourly Rate	hr
			<u> </u>

Svc Date	<u>:</u> 12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
<u>Code</u>	Description	<u>Part</u>	Part Name		Qty	Note
53	Serviced					
Other Se	rvice Details:					
Svc Date	<u>:</u> 25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		<u>Qty</u>	<u>Note</u>
53	Serviced					
Other Se	rvice Details:					
Svc Date	<u>:</u> 10 APR 19	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David
Code	Description	Part	Part Name		Qty	Note
26	Unplanned					
9	Reported					
25	Missing					
5	Replaced	2407	Buoy - SLB1500		1	
5	Replaced	2082	Mooring - 20mm		30	
5	Replaced	2087	Swivel - 25mm		1	
5	Replaced	2093	Dump - 300kg		1	
5	Replaced	2107	Shackle - 25mm		3	\nearrow
5	Replaced	2322	Anode		1	
5	Replaced	527	Shackle - 32mm		1	
Other Se	rvice Details:					

CHARGEABLE DETAILS:

DEBTOR: NOTE: COST ITEMS: SERVICE ELEMENTS:

P/No	S/No	Qty	Notes
			
			
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S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
66	Dinghy - Aluminium	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
75	Vehicle - 4 x 4	Hourly Rate	hr
76	Travelling Allowance	Overnight Accomodation	dy
80	Dinghy - Aluminium	Daily Rate	dy
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr

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27	Planned						1	3042	Lantern	Sealite - SL75	1
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Svc Date:	12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David	
Code	Description	<u>Part</u>	Part Name		<u>Qty</u>	<u>Note</u>	
53	Serviced						
Other Servi	ce Details:						
Svc Date:	25 MAY 20	Svc Type:	RD	Svcd By:	DSJ	Jorgensen David	
<u> </u>				Sveu By.		9	
Code	Description	<u>Part</u>	Part Name		<u>Qty</u>	<u>Note</u>	
26	Unplanned						
9	Reported						
5	Replaced	507	Battery		1		
Other Servi	ce Details:						
Svc Date:	25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David	
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	<u>Note</u>	
53	Serviced						
Other Servi	ce Details:						

CHARGEABLE DETAILS:

DEBTOR: NOTE: SERVICE ELEMENTS:

P/No	S/No	Qty	
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	SERVICE ELEMEN	NTS:	
S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
80	Dinghy - Aluminium	Daily Rate	dy
66	Dinghy - Aluminium	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
76	Travelling Allowance	Overnight Accomodation	dy
75	Vehicle - 4 x 4	Hourly Rate	hr

WORK ORDER AIDS TO NAVIGATION **STRUCTURE** Group Name: CRUISE SHIP BUOYS Date Serviced : Service Type : SP Group Code: 325 Navaid Name: URANGAN CHANNEL 3 Navaid Code: 12070 Service Date Due: NOV 21 Serviced By: TASKS / OBSERVATIONS: PARTS: Flags Description P/No Qty Attn RHM Lvl P/No Part Name Identification Qty Planned 2082 Mooring - 20mm Chain 30 27 1 10 Visual Inspection 1 2087 Swivel - 25mm 1 Concrete Block 2 Re-established 1 2093 Dump - 300kg 1 Temporarily Withdrawn 1 2107 Shackle - 25mm 6.5 tonne - Tested 4 7 Permanently Withdrawn 1 2322 Tear Drop Wz2 1 8 Anode 11 **Position Altered** 2407 Buoy - SLB1500 1 30 **Position Checked** 33 Fitted Replaced 5 OTHER NAVAID CONFIGURATIONS: STRUCTURE DETAILS Type: Buoy - SLB1500 Class: Buoy $\underline{Type} \quad \underline{No} \quad \underline{Configuration \ Type}$ Note: Sealite Buoy - SLB1500 1 Structure Colour: G Coating: Lantern - SL-75 Dmk Colour: Daymark: Dmk Coating: 2nd Colour: 2nd Coating: **Local Positions Bottom:** Method: Crane M1: WGS84 M2: M3: M4: **Survey Position** LAT: -25 9.122 GIS LAT: -25.152033333 LONG: 153 50.457 GIS LONG: 153.84095 Special Detail **GROUND TACKLE DUE APRIL 2022** FLAGGED SERVICES

Svc Date: 12 NOV 20 DSJ Jorgensen David Svc Type: RE Svcd By: Description Part Name **Part Qty** Note Serviced Other Service Details: **Svc Date: 25 OCT 19** Svc Type: RE **Svcd By:** DSJ Jorgensen David <u>Part</u> <u>Code</u> Description Part Name **Qty** <u>Note</u> 53 Serviced Other Service Details: Svc Date: 10 APR 19 Svc Type: SP Svcd By: DSJ Jorgensen David Code Description <u>Part</u> Part Name Qty Note 27 Planned ALL GROUND TACKLE Replaced Other Service Details:

CHARGEABLE DETAILS:

DEBTOR: NOTE: SERVICE ELEMENTS:

P/No	S/No	Qty	Notes
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	SERVICE ELEMEN	NTS:	
S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
66	Dinghy - Aluminium	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
75	Vehicle - 4 x 4	Hourly Rate	hr
76	Travelling Allowance	Overnight Accomodation	dy
80	Dinghy - Aluminium	Daily Rate	dy
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr

Anthony Z Loveridge

From: David S Jorgensen

Sent: Wednesday, 14 April 2021 2:53 PM

To: Anthony Z Loveridge **Subject:** UC2 Work Order

Attachments: UC2 Light Work Order.pdf; UC2 Structure Work Order.pdf

Afternoon,

Work orders attached for UC2 structure and light. Services are only shown for the 3 most recent visits on the work orders, can go back further in ANAMS if needed.

Kind regards,

David Jorgensen

Marine Officer | Urangan | Gladstone South

Maritime Safety Queensland Branch | Customer Services, Safety and Regulation Division | Department of Transport and Main Roads

Buccaneer Drive | Hervey Bay Qld 4655 (07) 4194 9606 | M: N/R david.s.jorgensen@msq.qld.gov.au

www.msq.qld.gov.au

IDS TO	NAVIGATION					WC	ORK (ORDE	ER		LIGH	Т
ate Serviced					ervice '				Group Cod		up Name : CRUISE SHIPS BUOYS	
avaid Code	: 4302			N	avaid I	Name :	: UR	ANGAN	N CHANN	EL 2		
erviced By:				L	ight No):	1	of 1			Service Date Due: NO	V 21
CASKS / O	BSERVATIONS:					Flag	s			PARTS:		
de	Description			P/No	Qty	Attn	RHM	Lvl	P/No	Part Name	Identification	Qty
26	Unplanned							1	125	Bolt Set	Mounting Bolts (Stainless) LT	1
	Reported							1	3042	Lantern	Sealite - SL75	1
·	Not Burning											
9	No Fault Found					1	1					
1	Destroyed Leveled Light					1			1			
	Damaged Damaged			+	1	+	1		1			+
7	Cleaned					+			1			_
.8	Stolen								1			
	Submerged											
25	Missing								İ			
28	Vandalised											
50	Consumed											
i	Replaced											
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BATTERY	VOLTS PANEL	VOLTS	PANEL AMPS	AV	BATTI	ERVS	G					
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USED BAT	TERY REPLACEMI	ENT DATE	<u> </u>									
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GHT DETA	AILS									NAVAID CONFIGU	URATIONS:	
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ght Type: L	antern - SL-75							$\overline{}$		Type No		
ght Class: O	mni-Directional LEI)	Note: S	ealite - S	ingle I	ED C	ptic	$\overline{}$			Buoy - SLB1500	
SR/90	Chart Symbo	d. Fl 2 5c	Cha	racter:	0.5±2.	0 - 25				LT 1	Lantern - SL-75	
olour: R		_	ange:	i acter.	0.512.	/= 2.0)\					
nour. K		K	mge.	^						Local Positions		
equency:		_Co	ode:	Sw	itches :	set ON	<u>[:</u>			M1: DGPS N	M2:WGS84 M3: M4:	
tt Rep Due:	10 APR 2024		Rep Period:		60	>				LAT: -25 8.9642	2 GIS LAT:	
rvey Positio	_		<u> </u>							LONG: 152 50.44		
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.75 installed	41/04/401/		(0)									
AGGED SI	ERVICES		75									
		(Q/R)) ~									

Svc Date:	12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	Note
53	Serviced					
Other Servi	ice Details:					
Svc Date:	25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		Qty	Note
53	Serviced					
Other Servi	ice Details:					
Svc Date:	10 APR 19	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	<u>Part</u>	Part Name		<u>Qty</u>	Note
26	Unplanned					
9	Reported					
25	Missing					
5	Replaced	3042	Lantern		1	
Other Servi	ice Details:					$\langle \langle \rangle \rangle$

CHARGEABLE DETAILS:

DEBTOR: NOTE: SERVICE ELEMENTS:

P/No	S/No	Qty	
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	SERVICE ELEMEN	NTS:	
S/No	Name	Identification	Unit
2	Andrew Petrie	Daily Rate	dy
3	Andrew Petrie	Operational Rate	hr
95	Woralie	Daily Rate	dy
96	Woralie	Operational Rate	hr
155	Deepwater	Daily Rate	dy
156	Deepwater	Operational Rate	hr
70	Wedge II	Daily Rate	dy
71	Wedge II	Operational Rate	hr
153	Wedge V	Daily Rate	dy
154	Wedge V	Operational Rate	hr
80	Dinghy - Aluminium	Daily Rate	dy
66	Dinghy - Aluminium	Operational Rate	hr
157	Pluckaduck	Daily Rate	dy
158	Pluckaduck	Operational Rate	hr
62	Crew - all vessels	2 x 3 hrs minimum - per person	hr
76	Travelling Allowance	Overnight Accomodation	dy
75	Vehicle - 4 x 4	Hourly Rate	hr

WORK ORDER AIDS TO NAVIGATION **STRUCTURE** Group Name: CRUISE SHIP BUOYS Date Serviced : Service Type : BR Group Code: 325 Navaid Name: URANGAN CHANNEL 2 Navaid Code: 4302 Service Date Due: NOV 21 Serviced By: TASKS / OBSERVATIONS: PARTS: Flags Description P/No Qty Attn RHM Lvl P/No Part Name Identification Qty Unplanned 2082 Mooring - 20mm Chain 30 26 1 9 Reported 1 2087 Swivel - 25mm 1 14 Damaged 1 2093 Dump - 300kg Concrete Block 1 Out of Position 1 2107 Shackle - 25mm 6.5 tonne - Tested 3 39 Re-positioned 1 2202 Reflector Daymark 12 4 49 No Fault Found 2322 Anode Tear Drop Wz2 1 5 Replaced 1 2407 Buoy - SLB1500 Sealite 1 1 527 Shackle - 32mm Galvanised - 6t Tested 1 OTHER NAVAID CONFIGURATIONS: STRUCTURE DETAILS Type: Buoy - SLB1500 Class: Buoy $\underline{Type} \quad \underline{No} \quad \underline{Configuration \ Type}$ Note: Sealite Buoy - SLB1500 ST 1 Structure Colour: R Coating: **Gloss Enamel** Lantern - SL-75 Dmk Colour: R **Daymark:** Port Lateral **Dmk Coating:** Gloss Enamel 2nd Colour: 2nd Coating: **Local Positions Bottom:** Method: M1: DGPS M2: WGS84 M3: M4: **Survey Position** LAT: -25 8.9642 GIS LAT: LONG: 152 50.4498 GIS LONG: Special Detail **GROUND TACKLE DUE APRIL 2022** FLAGGED SERVICES

Svc Date:	12 NOV 20	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	Description	Part	Part Name		Qty	Note
53	Serviced					
Other Ser	vice Details:					
Svc Date:	25 OCT 19	Svc Type:	RE	Svcd By:	DSJ	Jorgensen David
Code	<u>Description</u>	Part	Part Name		<u>Qty</u>	Note
53	Serviced					
Other Ser	vice Details:					
Svc Date:	10 APR 19	Svc Type:	BR	Svcd By:	DSJ	Jorgensen David
Code	Description	Part	Part Name		Qty	Note
26	Unplanned					
9	Reported					
25	Missing					
5	Replaced	2407	Buoy - SLB1500		1	
5	Replaced	2082	Mooring - 20mm		30	$\langle \langle \rangle \rangle$
5	Replaced	2087	Swivel - 25mm		1	
5	Replaced	2093	Dump - 300kg		1	
5	Replaced	2107	Shackle - 25mm		3	\nearrow
5	Replaced	2322	Anode		1	
5	Replaced	527	Shackle - 32mm		1	\nearrow
Other Ser	vice Details:					

CHARGEABLE DETAILS:

DEBTOR:
COST ITEMS:

P/No	S/No	Qty	Notes	1
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NOTE: SERVICE ELEMENTS:

Name	Identification	Unit	
Andrew Petrie	Daily Rate	dy	
Andrew Petrie	Operational Rate	hr	
Crew - all vessels	2 x 3 hrs minimum - per person	hr hr dy	
Dinghy - Aluminium	Operational Rate		
Wedge II	Daily Rate		
Wedge II	Operational Rate	hr	
Vehicle - 4 x 4	Hourly Rate	hr	
Travelling Allowance	Overnight Accomodation	dy	
Dinghy - Aluminium	Daily Rate	dy	
Woralie	Daily Rate	dy	
Woralie	Operational Rate	hr	
Wedge V	Daily Rate	dy	
Wedge V	Operational Rate	hr	
Deepwater	Daily Rate	dy	
Deepwater	Operational Rate	hr	
Pluckaduck	Daily Rate	dy	
Pluckaduck	Operational Rate	hr	
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	Andrew Petrie Andrew Petrie Crew - all vessels Dinghy - Aluminium Wedge II Wedge II Vehicle - 4 x 4 Travelling Allowance Dinghy - Aluminium Woralie Woralie Wedge V Wedge V Deepwater Pluckaduck	Andrew Petrie Daily Rate Andrew Petrie Operational Rate Crew - all vessels 2 x 3 hrs minimum - per person Dinghy - Aluminium Operational Rate Wedge II Daily Rate Wedge II Operational Rate Vehicle - 4 x 4 Hourly Rate Travelling Allowance Overnight Accomodation Dinghy - Aluminium Daily Rate Woralie Daily Rate Woralie Operational Rate Wedge V Daily Rate Wedge V Operational Rate Deepwater Daily Rate Deepwater Operational Rate Pluckaduck Daily Rate	







19.04.2021 10:18

















