

AUSSAR 98/4384
SWORD OF ORION
MAN OVERBOARD
Pm SEARCH 28/12 .
AUG 422

Incident Number: 1998/4384

Date: 27-Dec-98

Name: SWORD OF ORION

Title: MAN OVERBOARD

Narrative: This vessel was one of several vessels involved in a major SAR incident in the 1998 Sydney to Hobart Yacht Race.

At 270829 UTC RCC was advised of a man overboard from the yacht Sword of Orion in a position approximately 40 miles south east of Gabo Island. There were also several persons seriously injured. An Urgency broadcast to shipping was immediately issued. An aircraft on scene, helicopter VH-SAR, was forced to leave the area due to bad weather.

A search area for the missing man for first light was calculated with first aircraft on scene expected at about 271900 UTC. Helicopter tasked to evacuate vessel of remaining crew. Helo arrived at about 1847 and lifted off the 6 crew, two with injuries and transported them to Merrimbula into medical care. Vessel abandoned.

Search for man overboard was not successful and was suspended at about 281058 UTC with the notification of NOK. Urgency broadcast cancelled at 290714 UTC Dec 98.

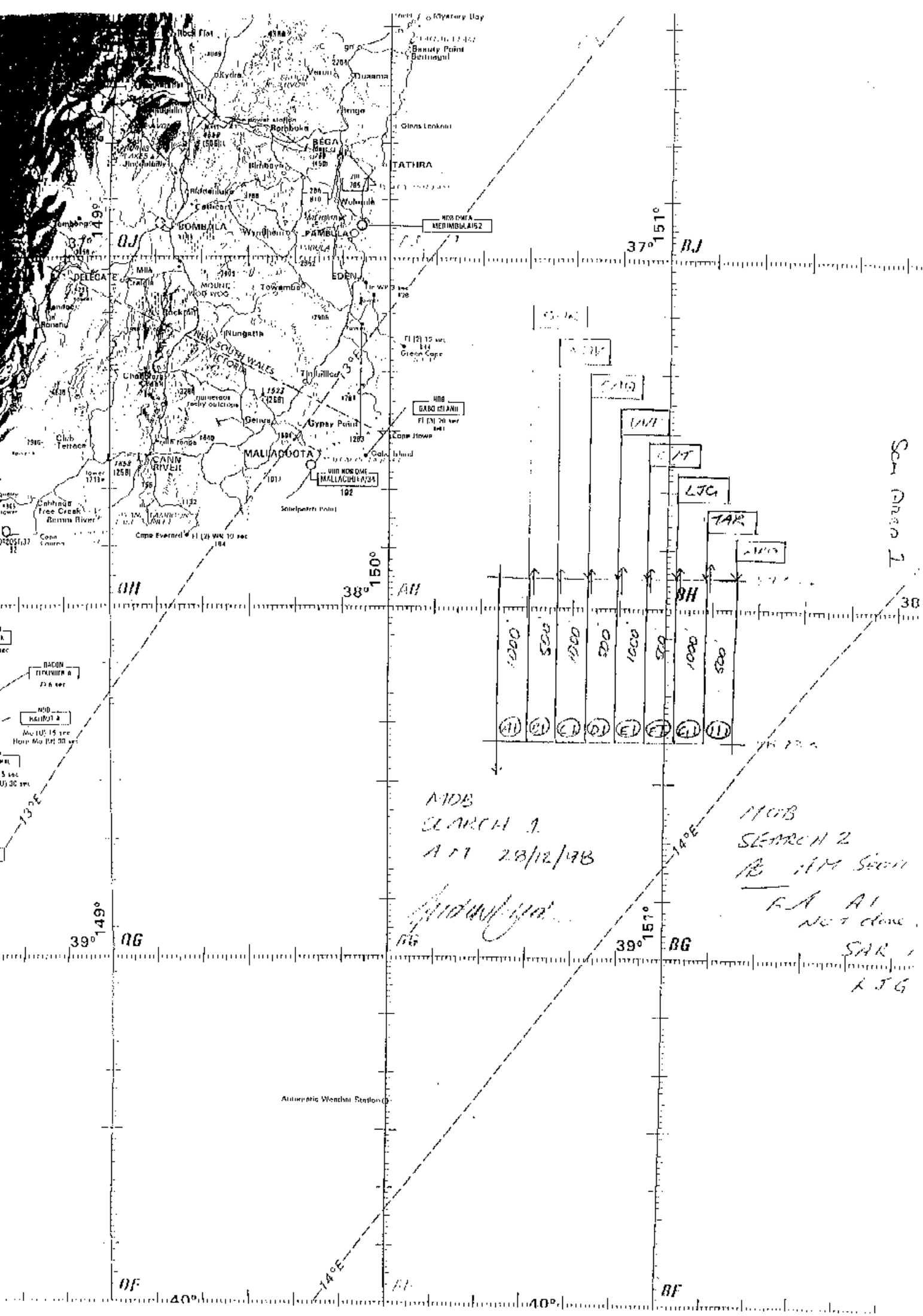
SARO(M)

PLT

SSARO(M)

RL

J. J. King
RL



MOB
SEARCH 1
A 11 28/12/98

M. J. G.

MOB
SEARCH 2
1/1/99

SAR
L. J. G.

See Area 2



Rescue Coordination Centre, Australia

Aus / /

Time:	UTC	Message taken by:	PLS
From/ To:	Bruce Vickers	Authority/Company:	SWP
Phone No:		Fax No:	

Any searching today?
 no.
 For your info -
 Insurance Company tasked
 "Rubicon" to get "Swamp of
 Area"
 cc TKS

Recoverer Swamp
of Area

Logged



Rescue Coordination Centre, Australia

Aus / 98 / 4384

Time: UTC	Message taken by: JF
From / To: HOBBART POLICE	Authority/Company:
Phone No: 03 6230 2320	Fax No:

REQUEST ORGANISE Pick up OF
 LIFE JACKET FROM MV HELEN
 ETA BELL BAY 31 0100 Z.

R.

Will DO!
 PROBABLY SEND TO SWF FOR
 CORONIAL.

R.

Police Comm

SURFACE SEARCH
290829Z

Printed by SAR at 08:39:23 29 DEC 1998

X40 message Our ref: X1229422 X400 ref: X12290422

Received at 08:29 29 DEC 98 by AUS

Filed on : MRF98/4384

A- HELEN/A3CL6

MRCCAUS AA62349
450300374=HELE X
CI

//
TELSTRA SATCOM-C SERVICE
DATE: 98-12-29/08-25 UTC
MSG REF: 196340
FROM: 450300374=HELE X
REGION: POR (582)

//
AUSREP SP

A- HELEN/A3CL6
F- 9.0

H- 290800Z 3741S 15121E DEP. POINT (SEARCH ACTIONS SUSPENDED)

K- 310100Z BRIT. BAY

I- COASTAL ROUTE

M- VIP INMARSAT C 450300374

N- 300100Z

V NO MEDIC

X- 282200Z COMMENCED SEARCH ACTIONS FOR MISSING CREWS OF
YACHT WINSTON CHURCHILL

290730Z AT 37-39.12S 151-17.90E SIGHTED AND PICKED UP ONE
LIFE JACKET OF YACHT SWORD OF ORION (B2006)

290800Z AT 37-40.94S 151-20.60E SEARCH ACTIONS SUSPENDED AND
PROCEED TO DISCHARGING PORT BELL BAY

MASTER

MRCCAUS AA62349
450300374=HELE X

START SEARCH
282200Z

LIFELINE
29 0730

SEARCH COMP
290800Z

Printed by root at 07:22:24 29 DEC 1998

Our ref: Y1229199

X400 ref: X12299864,X12299865,X12299866,X12299867,X12299868,X12299869,
X12299870,X12299871

Sent via telex/fax/Defence/Inmarsat-C. Created 07:14 29 DEC 98 by SAR

To: 140013,157749,F0265591885,F0296925427,F0395371435,F0362231308

MHQAUST

INMARSAT C - PACIFIC

Priority: 2

URGENT

Service: 24

CALL TO CIRCULAR AREA

Address: 38S150E200

Centre: 38S 150E Radius 200

Repeat: 11

TRANSMIT ONCE WITH ECHO

Alphabet: 00

ENGLISH

EGC Signal: PAN PAN

ITD: C-POR 2:24:38S150E200:11:00 191110:98-12-29/07-17

Defence ref: 8321

Filed on : MRF98/4384,SAFETY

.....
URGENCY cancellation
.....

P 290714Z DEC 98

FM RCC AUSTRALIA

TO INMARSAT C - PACIFIC OCEAN REGION

TELSTRA BRISBANE

TELSTRA MELBOURNE

MHQAUST

FAX PENTA COMSTAT

FAX SYDNEY WATER POLICE

FAX MELBOURNE WATER POLICE

INFO FAX RACE CONTROL HOBART

BT

UNCLAS

SIC ICA

AUSSAR 98/4384 - MAN OVERBOARD YACHT SWORD OF ORION

URGENCY CANCELLATION

A. RCC AUSTRALIA 270828Z DEC 98

1. /BEGINTEXT

RCC AUSTRALIA 290714Z DEC 98 AUSSAR 98/4384

CANCEL MY 270828Z DEC 98 URGENCY MESSAGE.

SEARCH ACTIONS SUSPENDED.

/ENDTEXT

2. CRS PSE BCAST CANCELLATION ON RECEIPT AND NEXT VOICE/MORSE TFC LIST AND SKED

3. REQUEST POLICE ARRANGE FOR BCAST PARA ONE THROUGH VOLUNTEER MARINE RESCUE BASES, PORT AUTHORITIES AND FISHING COYS IN THE AREA.

BT

.....

MY Bcast Comc
29 0714Z

Printed by root at 07:22:25 29 DEC 1998

Our ref: Y1229200 X400 ref: X12299874

Sent via Inmarsat-C. Created 07:14 29 DEC 98 by SAR

To:

Filed on : SAFETY,MRF98/4384

.....
URGENCY 98/4384 EGC CANCELLATION
.....

This text is for information only, & will not be retransmitted.

Cancellation of the following EGC message: 021810:98-12-27/08-56
C-POR 2:24:38S150E200:43:00

FM RCC AUSTRALIA 270828Z DEC 98 AUSSAR 98/4384
POINT HICKS TO MONTAGUE ISLAND CHART AUS359
MAN REPORTED OVERBOARD FROM YACHT SWORD OF ORION VICINITY 38 14S 150
24E AT 270815 UTC DEC 98. REQUEST VESSELS KEEP SHARP LOOKOUT AND
REPORTS TO THIS STATION OR TELEX 7162025.
SEARCH OPERATIONS UNDERWAY.
.....

Printed by SCO at 06:30:05 29 DEC 1998

Our ref: Y1229184

X400 ref: X12299819, X12299820, X12299821, X12299822, X12299823, X12299824,
X12299825, X12299826, X12299827

Sent via X.25/fax. Created 06:16 29 DEC 98 by SCO

To: F0262734126, F0267421840, F0262795813, F0294181726, F0889814450,
F0284259855, F0296913377, F0396533481, X811090

Filed on : MRF98/4372

.....
MINISTERIAL
.....

R 290616Z DEC 98
FM RCC AUSTRALIA
TO FAX MINISTER ANDERSON (CANBERRA)
FAX MINISTER ANDERSON (GUNNEDAH)
FAX STEPHEN OXLEY
FAX CHIEF EXECUTIVE AMSA
FAX CHAIRMAN AMSA
FAX DEPUTY CHAIRMAN
FAX MR J MANSER
FAX MRS S BRATTON
FAX MRS S BRATTON (W)
FAX MR D GILLIES
FAX MR A HYAMS
X25 CEO AMSA AND GM AUSSAR
BT

Boono Sit-Gen
290616Z

Sydney to Hobart Yacht Race- Rescue Incidents

Status Report Number 3 as at 1730 (5.30pm) 29 Dec 1998.

Search for three missing crewmen from the Winston Churchill continued through the morning with 4 fixed wing aircraft and 6 helicopters committed to the search. One body was located at 6.47am and a second body was located at 9.00am both were recovered by helicopter and later confirmed to be from the Winston Churchill. Search action has continued throughout the day for the third and last crewman. The airsearch concluded at 5.00pm without result although a lifejacket was sighted in the area.

HMAS Newcastle, assisted by an RAAF P3 Orion re-located the yacht Solo Globe Challenger and has recovered 2 injured crewmen. The Fishing Vessel "Rubicon" has the Solo Globe Challenger in tow with the remaining 3 crewmen on board.

The yacht Veto, which was unreported, has reported in and is returning to Sydney under jury rig.

Aircraft were tasked to assist the police boat "Nemesis" with establishing visual contact with the yacht Business Post which has 2 deceased crewmen on board. Nemesis now has the yacht in tow.

Since search and rescue operations commenced at 1500 (3.00pm) 27 December 1998 a total of 56 crew have been rescued as a result of search and rescue actions by the RCC. Approximately 250 search and rescue missions have been flown by 33 fixed wing aircraft and 12

helicopters. In addition HMAS Newcastle has provided support. 56 persons were recovered alive, 4 persons were recovered deceased and 2 persons are missing assumed drowned.

.....

Printed by SCO at 06:53:17 29 DEC 1998

Our ref: Y1229190 X400 ref: X12299835,X12299836,X12299837,X12299838

Sent via fax. Created 06:08 29 DEC 98 by SAR

To: F0295634105,F0296925427,F0395371435,F0362231308

Filed on : MRF98/4372

SITREP 2

P 290608Z DEC 98
FM RCC AUSTRALIA
TO FAX MIQAUST
FAX SYDNEY WATER POLICE
FAX MELBOURNE WATER POLICE
FAX RACE CONTROL HOBART
BT
UNCLAS
STC ICA

AUSSAR 98/4381, 98/4382, 98/4384, 98/4396 AND 98/4404
SITREP TWO AND FINAL AT 290630Z DEC 98.

1. AUSSAR 98/4381 - 3 MISSING CREW FROM YACHT WINSTON CHURCHILL. 24 FIXED WING AIRCRAFT AND 6 HELICOPTERS COMMENCED SEARCH OF APPROX 4500 SQ NM CENTRED 60 NM ESE OF EDEN AT FIRST LIGHT. TWO BODIES LOCATED AND RECOVERED. A CONCENTRATED SEARCH OF 100 SQ NM BY 4 AIRCRAFT AND 5 HELICOPTERS SIGHTED LIEJACKET AND LIFEBELT BUT NOT THE LAST MISSING CREWMAN. ALL SEARCH ACTIVITY WAS SUSPENDED AT 290615Z.
 2. AUSSAR 98/4382 BUSINESS POST NAIAD. POLICE LAUNCH NEMESIS IS TOWING YACHT WITH 2 DECEASED ONBOARD INTO HARBOUR.
 3. AUSSAR 98/4384 MAN OVERBOARD SWORD OF ORION. THE SEARCH FOR THE MAN OVERBOARD FROM SWORD OF ORION HAS BEEN SUSPENDED.
 4. AUSSAR 98/4396 SOLO GLOBE CHALLENGER DISABLED. HMAS NEWCASTLE LOCATED THE VESSEL AND HAS TAKEN OFF THE TWO INJURED CREW. THE REMAINING CREW HAVE REQUESTED TO REMAIN ONBOARD AND THE VESSEL HAS BEEN TAKEN IN TOW BY THE FV RUBICON.
 5. AUSSAR 98/4404 YACHT VETO UNREPORTED. YACHT VETO CONTACTED RACE CONTROL TO ADVISE THAT THEY WERE UNDER JURY RIG AND RETURNING TO SYDNEY.
 6. MANY THANKS TO ALL CONCERNED FOR ASSISTANCE PROVIDED. 56 WERE SAVED FROM YACHTS IN DISTRESS IN MOST DIFFICULT CONDITIONS.
- BEST REGARDS

BT

SITREP 2 - Final
29 Dec 98



Rescue Coordination Centre, Australia

Aus / /

Time: 290307 UTC	Message taken by: JONES
From/To: ML FS	Authority/Company:
Phone No:	Fax No:

UH-PEH BOAT SIGHTED @
37 38.8S
151 18.3E.
SWORD OF ORION.

Logged

AMSA

Airt Coord

Printed by SCO at 19:43:27 28 DEC 1998

Our r . Y1228383 X400 ref: X12289415,X12289416,X12289417,X12289418

Sent via fax. Created 19:11 28 DEC 98 by SAR

To: F0295634105,F0296925427,F0395371435,F0362231308

Filed on : MRF98/4381

SITREP

P 281911Z DEC 98
FM RCC AUSTRALIA
TO FAX MHQAUST
FAX SYDNEY WATER POLICE
FAX MELBOURNE WATER POLICE
FAX RACE CONTROL HOBART
BT

UNCLAS

SIC ICA

AUSSAR 98/4381,AUSSAR 98/4382, AUSSAR 98/4384, AUSSAR 98/4396

SITREP ONE AT 281915 UTC DEC 98.

1. AUSSAR 98/4381 - 3 MISSING CREW FROM YACHT WINSTON CHURCHILL. THE SECOND LIFERAFT WAS SIGHTED AND THE TWO PERSONS ONBOARD WERE WINCHED OFF LAST NIGHT BY NAVY SEAHAWK AT ABOUT 281130 UTC. THE TWO PERSONS WERE TAKEN TO MERTIMBULA HOSPITAL. SURVIVORS STATED THAT THE OTHER THREE PERSONS WERE THROWN OUT OF THE RAFT DUE TO HEAVY SEAS AT ABOUT 271530 UTC. ALL WERE WEARING FOUL WEATHER GEAR AND LIFEJACKETS. A P3C ORION SEARCH LATE LAST NIGHT AND EARLY THIS MORNING FAILED TO SIGHT THE MEN.

24 FIXED WING AIRCRAFT AND SIX HELICOPTERS HAVE COMMENCED A 4,000 SQ NAUTICAL MILE SEARCH BETWEEN MONTAGUE ISLAND AND GABO ISLAND.

2. 98/4382 BUSINESS POST NIAD TAKING WATER. POLICE LAUNCH NEMISIS IS PROCEEDING TO THE POSITION OF BUSINESS POST NIAD TO TOW THE VESSEL WITH TWO DECEASED PERSONS ONBOARD INTO HARBOUR. BEFORE LEAVING BUSINESS POST NIAD, A CREWMAN ACTIVATED AN EPIRB. RCC IS PASSING POSITION REPORTS TO NEMISIS.

3. AUSSAR 98/4384 MAN OVERBOARD SWORD OF ORION. THE SEARCH FOR THE MAN OVERBOARD FROM SWORD OF ORION HAS BEEN SUSPENDED.

4. AUSSAR 98/4396 SOLAR GLOBAL CHALLENGER DISABLED. HMAS NEWCASTLE IS CONDUCTING AN EXPANDING SQUARE SEARCH AROUND THE VESSEL'S LAST KNOWN POSITION. THE VESSEL'S EPIRB WHICH WAS RADIATING AND ALLOWING RCC TO MONITOR THE VESSEL'S POSITION HAS SUDDENLY STOPPED. AN ORION WILL ALSO ASSIST IN LOCATING THE VESSEL.

5. AUSSAR 98/4404 YACHT VETO UNREPORTED. YACHT VETO IS UNREPORTED SINCE 270305Z. BROADCAST TO SHIPPING CURRENT. ORION (PARA 4 ABOVE) WILL ALSO BE TASKED TO LOOKOUT FOR THIS VESSEL. TRANSITING YACHTS HAVE BEEN REQUESTED TO KEEP SHARP LOOKOUT AND MAKE BROADCAST CALLS ON VHF CHANNEL 16.

BT

SITREP 1
281911Z

NOK CONTACT
28 10582



Rescue Coord

Australia

Aus / 98 / 4384

Time:	UTC	Message taken by: CAPJ
From/To: SMH HUGHES		Authority/Company: RICE CONSULT
Phone No:		Fax No:

HAVE NOTIFIED MATRICE OF MISSING
PERSON FROM SWARD OF ORION MRS
GLYN OWEN

Logged



PROFILE

Telstra Sydney to Hobart

Sword of Orion

Sail No.: 2006
Designer: Reichel-Pugh
Owner/Skipper: Kothe BRIGHTON STAR
Club: CYCA
Year Built: 93



- NEWS
GALLERY
PLACINGS
WEATHER
3D VIEWS
HOST CLUB
MERCHANDISE
LIFE ON BOARD
ABOUT THE RACE
INTERACTIVE MAPS
POINTS OF INTEREST

Current Position

Position: 109
Location: RETIRED
Dist Made Good: 0.00nm
Est. Finish
Sked 4. 28 December 1998 3:05AM

Boat Notes

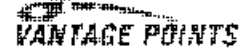
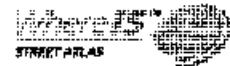
Under new owner Rob Kothe, Sword of Orion was the surprise winner of this year's Hamilton Island Race Week. Since racing in last year's Sydney to Hobart as Brighton Star (placed 5th overall in IMS handicap), this yacht has been heavily optimised, including a new carbon keel, and is proving extremely competitive. With key crew members including Admiral's Cup yachtsmen Steve Kulmar and Andrew Parkes, and bowman Darren Senogles, Sword of Orion is a definite IMS chance.

Crew Listing

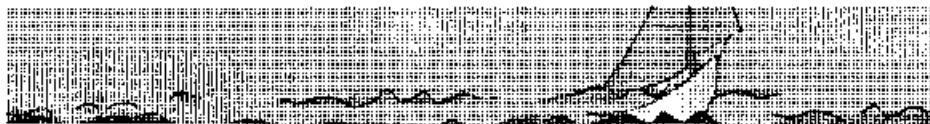
Adam Brown Andrew Parkes
Carl Watson Darren Senogles
Glyn Charles Nigel Russell
Rob Kothe Sam Hunt
Simon Reffold Stephen Kulmur

Associated Articles / Photos

- 28/12/98 Race search support steps up at first light
28/12/98 Helicopters begin night race rescues
27/12/98 One sailor saved while search continues for another in man overboard incidents
27/12/98 Crew abandons yacht in wild weather
15/12/98 Clash of the Champions in Telstra Cup



top



Did You Know? The race started in 1944 as a planned cruise from Sydney to Hobart.

News | Gallery | Placings | Weather | 3D Views | Host Club | Merchandise
Life on Board | About the Race | Interactive Maps | Points of Interest | Feedback | Credits

INNOVAT VATA

FINAL RESULTS

MARSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 5 PM SEARCH FOR MOB

TARGET : Man overboard [No leeway]
SPLASH POINT : 3814 15024 270815Z DEC 98
DATUM : 3809 15044 280600Z DEC 98
DISTANCE MIN TO MAX : 0.00
DRIFT ERROR : 2.18
SEARCH RADIUS : 9.1 (miles)
DATUM : 70/17 (degrees/miles)
DRIFT : 2145 (hhmm)
TIME : 0.8 (knots)
SPEED

SCM PLAN 5
272203

END OF REPORT FOR MARSAR 98/4384 MAN OVERBOARD PLAN NBR 5

THIS
SEARCH AREA INSIDE PREVIOUS SEARCH AREA.
DISCUSSION BETWEEN SSARO(M) AND SSARO(A) MARSHALL
AND AGREED TO RETASK USING PLAN FOR
MORNING 28/12 SEARCH.
LW. 2225Z.

27-12-98 22:03:55 27-12-98

PAGE 1

SEARCH & RESCUE DRIFT PLAN

MARSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 5 PM SEARCH FOR MOB

SPLASH POINT LATITUDE, LONGITUDE : 3814 15024
SPLASH TIME(DDHHMM XXX YY) : 270815Z DEC 98
SEARCH TIME(DDHHMM XXX YY) : 280600Z DEC 98 2145 (hhmm)
TYPE OF CRAFT : 7
Man overboard [No leeway]
LEEWAY % COEFFICIENT : 0
LEEWAY CORRECTION COEFFICIENT : 0
LEEWAY DIVERGENCE : 0
DISTRESS CRAFT POSITION ERROR(MILES) : 5
SEARCH CRAFT POSITION ERROR(MILES) : 5
SAFETY FACTOR : 1 (1.1)

STW 7.1 FROM SPLASH POINT 3814 15024
: 270815 DEC 98

NUMBER OF HOURS TO END OF THIS STAGE: 2145 0000 remaining
SEA CURRENT DIRN/SPEED 135/0.5

	START	END	DIRN	SPEED
1	251200 DEC 98	251800 DEC 98	020	30
2	251800 DEC 98	260000 DEC 98	020	25
3	260000 DEC 98	260600 DEC 98	020	30
4	260600 DEC 98	261200 DEC 98	020	35
5	261200 DEC 98	261800 DEC 98	260	30
6	261800 DEC 98	270000 DEC 98	260	30
7	270000 DEC 98	270600 DEC 98	270	40
8	270600 DEC 98	271200 DEC 98	270	40
9	271200 DEC 98	271800 DEC 98	250	40
10	271800 DEC 98	280000 DEC 98	250	40
11	280000 DEC 98	280600 DEC 98	250	40

SEA CURRENT DIRN/SPEED : 135/ 10.88
WIND CURRENT DIRN/SPEED : 33/ 16.01
LEFT LEEWAY SET : 0/ 0.00
RIGHT LEEWAY SET : 0/ 0.00
LEFT : 3808 15045
RIGHT : 3808 15045



Rescue Coordination Centre, Australia

Aus / 98 / 4384

Time:	UTC	Message taken by:	LW
From (To):	REBECCA.	Authority/Company:	FJOC
Phone No:		Fax No:	

SEA TEMP 20°C

SOUTH EAST CURRENT 0.3 KT.

TPAS Data

Logged

Printed by SCO at 21:10:19 27 DEC 1998

Our ref: Y1227381 X400 ref: X12278778

Sent via fax. Created 21:07 27 DEC 98 by SAR

To: F0396632059

Filed on : MRF98/4384

.....
MET INFO
.....

P 272107Z DEC 98
FM RCC AUSTRALIA
TO FAX MET MELBOURNE
BT
UNCLAS

ATTENTION DUTY FORECASTER

AUSSAR 98/4384 - SEARCH FOR MAN OVERBOARD

1. FOR SEARCH PLANNING PURPOSES REQUEST ACTUAL SURFACE WINDS IN 6 HOURLY INTERVALS FROM 251200Z TO PRESENT AND FORECAST TO 280600Z DEC IN 360 DEGREE NOTATION FOR VICINITY OF 38 15S 150 25E.
2. IN ADDITION REQUEST MARITIME SURVEILLANCE FORECAST FOR ABOVE AREA.
3. PSE RESPOND BY FAX TO (02)62306868 AFTN YSARYCYX OR TLX 62349 AS CONVENIENT.

BT
.....

MAT DATA



Rescue Coordination Centre, Australia

Aus / 98 / 4384

Time:	UTC	Message taken by: LU
From / To: RICK		Authority/Company: MET MELB.
Phone No:		Fax No:

ASKED FOR WX 38 15 S 150 25 E.

R.

MET INFO

Logged



Rescue Coordination Centre, Australia

Aus / 98 / 4384

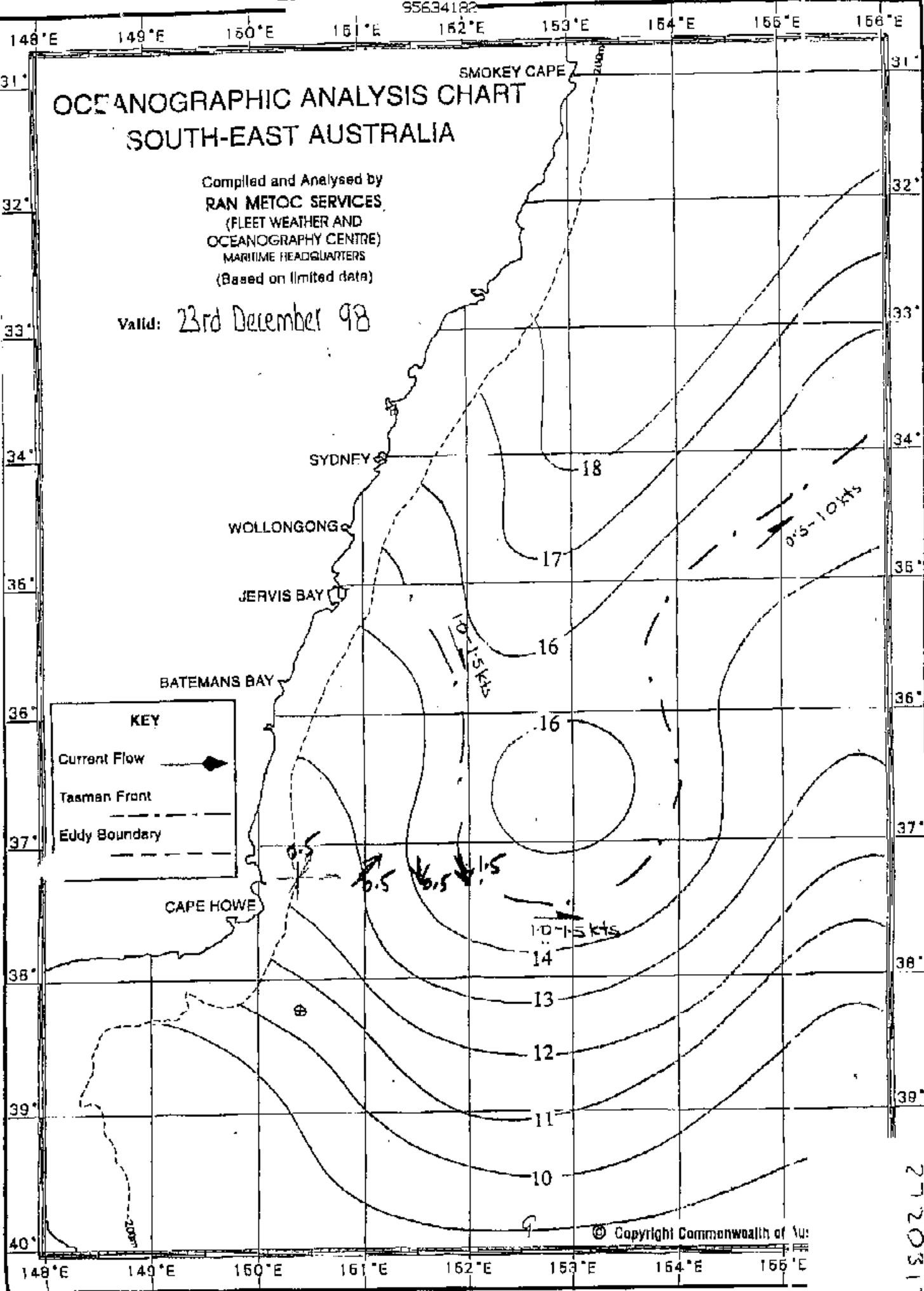
Time:	UTC	Message taken by:	LLI
From / To:	CO	Authority/Company:	HMAS NEWCASTLE
Phone No:	041 2261606	Fax No:	

LEFT MSG REQ SEA TEMP.

TPES DATA

Logged

95634182



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2720312
Current Data

27-12-98 17:03:43 27-12-98

PAGE 1

S E A R C H & R E S C U E D R I F T P L A N

MARSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 4 MAN OVERBOARD FROM SWORD OF ORION

SPLASH POINT LATITUDE, LONGITUDE : 3814 15024
SPLASH TIME (DDHHMM XXX YY) : 270815Z DEC 98
SEARCH TIME (DDHHMM XXX YY) : 272100Z DEC 98 1245 (hhmm)
TYPE OF CRAFT : 7
Man overboard [No leeway]
LEEWAY % COEFFICIENT : 0
LEEWAY CORRECTION COEFFICIENT : 0
LEEWAY DIVERGENCE : 0
DISTRESS CRAFT POSITION ERROR (MILES) : 10
SEARCH CRAFT POSITION ERROR (MILES) : 5
SAFETY FACTOR : 1 (1.1)

SEARCH PLAN 4
271703Z

STAGE 1 FROM SPLASH POINT 3814 15024
: 270815Z DEC 98

NUMBER OF HOURS TO END OF THIS STAGE: 1245 0000 remaining
SEA CURRENT DIRN/SPEED 90/2

	START	END	DIRN	SPEED
1	251200 DEC 98	251800 DEC 98	020	25
2	251800 DEC 98	260000 DEC 98	020	25
3	260000 DEC 98	260600 DEC 98	020	25
4	260600 DEC 98	261200 DEC 98	020	35
5	261200 DEC 98	261800 DEC 98	260	30
6	261800 DEC 98	270000 DEC 98	260	20
7	270000 DEC 98	270600 DEC 98	270	35
8	270600 DEC 98	271200 DEC 98	250	40
9	271200 DEC 98	271800 DEC 98	270	40
10	271800 DEC 98	280000 DEC 98	270	40

SEA CURRENT DIRN/SPEED : 90 / 25.50
WIND CURRENT DIRN/SPEED : 39 / 9.07
LEFT LEEWAY SET : 0 / 0.00
RIGHT LEEWAY SET : 0 / 0.00
LEFT : 3807 15104
RIGHT : 3807 15104

27-12-98 17:03:43 27-12-98

PAGE 2

S E A R C H & R E S C U E D R I F T P L A N

F I N A L R E S U L T S

MARSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 4 MAN OVERBOARD FROM SWORD OF ORION

TARGET : Man overboard [No leeway]
SPLASH POINT : 3814 15024 270815Z DEC 98
DATUM : 3807 15103 272100Z DEC 98
DISTANCE MIN TO MAX : 0.00
DRIFT ERROR : 4.01
SEARCH RADIUS : 14.1 (miles)
DATUM
DRIFT : 77/32 (degrees/miles)
TIME : 1245 (hhmm)
SPEED : 2.5 (knots)

END OF REPORT FOR MARSAR 98/4384 MAN OVERBOARD PLAN NBR 4

ASSAT STATUS
271659Z



Rescue Coordir

ilia

Aus 19814372

Time: 1659 UTC	Message taken by: CEC
From / To: ML FS	Authority/Company:
Phone No:	Fax No:

- SHARK 05 - RTN TO JMER
ETA 1715.

- VH-150 STILL HOMING

- MOB DESCRIPTION

YELLOW SUIT
+ HARNESS

NO BOYANCY AID -

- TIGER 70 HAS SWORD OF ORAN
IN SIGHT

Logged

AMSA 106 (12/97)

INITIAL SCH AREA
271650 Z



Rescue Coordination Centre, Australia

Aus / /

Time: 271650 UTC	Message taken by: AB
From: SARO (M)	Authority/Company:
Phone No:	Fax No:

MOB SEARCH AREA

✓ 3755 150 24

3755 151 15

3823 150 24

3823 151 15

SWORD OF ORION

SCH TIME 271900

0.5nm track spacing

Logged

27-12-98 16:27:52 27-12-98

PAGE 1

SEARCH & RESCUE DRIFT PLAN

MAKSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 3 MAN OVERBOARD FROM SWORD OF ORION

SPLASH POINT LATITUDE, LONGITUDE : 3814 15024
SPLASH TIME (DDHHMM XXX YY) : 270815Z DEC 98
SEARCH TIME (DDHHMM XXX YY) : 271900Z DEC 98 1045 (hhmm)
TYPE OF CRAFT : 7
Man overboard [No leeway]
LEEWAY % COEFFICIENT : 0
LEEWAY CORRECTION COEFFICIENT : 0
LEEWAY DIVERGENCE : 0
DISTRESS CRAFT POSITION ERROR (MILES) : 10
SEARCH CRAFT POSITION ERROR (MILES) : 5
SAFETY FACTOR : 1 (1.1)

SEA PLAN 3
271627Z

STAGE 1 FROM SPLASH POINT 3814 15024
: 270815Z DEC 98
NUMBER OF HOURS TO END OF THIS STAGE: 1045 0000 remaining
SEA CURRENT DIRN/SPEED 90/2

	START	END	DIRN	SPEED
1	251200 DEC 98	251800 DEC 98	020	25
2	251800 DEC 98	260000 DEC 98	020	25
3	260000 DEC 98	260600 DEC 98	020	25
4	260600 DEC 98	261200 DEC 98	020	35
5	261200 DEC 98	261800 DEC 98	260	30
6	261800 DEC 98	270000 DEC 98	260	20
7	270000 DEC 98	270600 DEC 98	270	35
8	270600 DEC 98	271200 DEC 98	250	40
9	271200 DEC 98	271800 DEC 98	270	40
10	271800 DEC 98	280000 DEC 98	270	40

SEA CURRENT DIRN/SPEED : 90 / 21.50
WIND CURRENT DIRN/SPEED : 34 / 7.83
LEFT LEEWAY SET : 0 / 0.00
RIGHT LEEWAY SET : 0 / 0.00
LEFT : 3808 15057
RIGHT : 3808 15057

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SEARCH & RESCUE DRIFT PLAN

FINAL RESULTS

MARSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 3 MAN OVERBOARD FROM SWORD OF ORION

TARGET : Man overboard [No leeway]
 SPLASH POINT : 3814 15024 270815Z DEC 98
 DATUM : 3808 15057 271900Z DEC 98
 DISTANCE MIN TO MAX : 0.00
 DRIFT ERROR : 3.34
 SEARCH RADIUS : 13.8 (miles)
 DATUM
 DRIFT : 76/26 (degrees/miles)
 TIME : 1045 (hhmm)
 SPEED : 2.5 (knots)

END OF REPORT FOR MARSAR 98/4384 MAN OVERBOARD PLAN NBR 3

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PAGE 1

S E A R C H & R E S C U E D R I F T P L A N

MARSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 2 SWORD OF ORION FIRST LIGHT LIFERAFT

SPLASH POINT LATITUDE, LONGITUDE : 3812 15033
SPLASH TIME(DDHHMM XXX YY) : 271041Z DEC 98
SEARCH TIME(DDHHMM XXX YY) : 271900Z DEC 98 0819 (hhmm)
TYPE OF CRAFT : 1
Runabout, raft etc. without drogue
LEEWAY % COEFFICIENT : 0.07
LEEWAY CORRECTION COEFFICIENT : 0.04
LEEWAY DIVERGENCE : 35
DISTRESS CRAFT POSITION ERROR(MILES) : 10
SEARCH CRAFT POSITION ERROR(MILES) : 5
SAFETY FACTOR : 1 (1.1)

S' 'E 1 FROM SPLASH POINT 3812 15033
: 271041 DEC 98
NUMBER OF HOURS TO END OF THIS STAGE: 0819 0000 remaining
SEA CURRENT DIRN/SPEED 0/2

	START	END	DIRN	SPEED
1	251200 DEC 98	251800 DEC 98	020	25
2	251800 DEC 98	260000 DEC 98	020	25
3	260000 DEC 98	260600 DEC 98	020	25
4	260600 DEC 98	261200 DEC 98	020	35
5	261200 DEC 98	261800 DEC 98	260	30
6	261800 DEC 98	270000 DEC 98	260	20
7	270000 DEC 98	270600 DEC 98	270	35
8	270600 DEC 98	271200 DEC 98	250	40
9	271200 DEC 98	271800 DEC 98	270	40
10	271800 DEC 98	280000 DEC 98	270	40

SEA CURRENT DIRN/SPEED : 0 / 16.63
WIND CURRENT DIRN/SPEED : 37/ 5.22
LEFT LEEWAY SET : 52/ 23.43
RIGHT LEEWAY SET : 122/ 23.43
LEFT : 3737 15100
RIGHT : 3804 15102

FINAL RESULTS

MARSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 2 SWORD OF ORION FIRST LIGHT LIFERAFT

TARGET : Runabout, raft etc. without drogue
SPLASH POINT : 3812 15033 271041Z DEC 98
DATUM : 3750 15101 271900Z DEC 98
DISTANCE MIN TO MAX : 26.88
DRIFT ERROR : 17.56
SEARCH RADIUS : 23.9 (miles)
DATUM :
DRIFT : 45/31 (degrees/miles)
TIME : 0819 (hhmm)
SPEED : 3.7 (knots)

SEARCH PLAN 2
271530Z

END OF REPORT FOR MARSAR 98/4384 MAN OVERBOARD PLAN NBR 2

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PAGE 2

SEARCH & RESCUE DRIFT PLAN

FINAL RESULTS

MARSAR NUMBER: 98/4384 ~~MAN OVERBOARD~~ *Life-raft*
PLAN NBR: 1 SWORD OF ORION

TARGET : Runabout, raft etc. without drogue
 SPLASH POINT : 3812 15033 271041Z DEC 98
 DATUM : 3800 15048 271500Z DEC 98
 DISTANCE MIN TO MAX : 13.88
 DRIFT ERROR : 9.15
 SEARCH RADIUS : 16.9 (miles)
 DATUM
 DRIFT : 44/16 (degrees/miles)
 TIME : 0419 (hhmm)
 SPEED : 3.9 (knots)

SCH PLAN 1
271526 Z

END OF REPORT FOR MARSAR 98/4384 MAN OVERBOARD PLAN NBR 1

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PAGE 1

S E A R C H & R E S C U E D R I F T P L A N

MARSAR NUMBER: 98/4384 MAN OVERBOARD
PLAN NBR: 1 SWORD OF ORION

SPLASH POINT LATITUDE, LONGITUDE : 3812 15033
SPLASH TIME (DDHHMM XXX YY) : 271041Z DEC 98
SEARCH TIME (DDHHMM XXX YY) : 271500Z DEC 98 0419 (hhmm)
TYPE OF CRAFT : 1
Runabout, raft etc. without drogue
LEEWAY % COEFFICIENT : 0.07
LEEWAY CORRECTION COEFFICIENT : 0.04
LEEWAY DIVERGENCE : 35
DISTRESS CRAFT POSITION ERROR (MILES) : 10
SEARCH CRAFT POSITION ERROR (MILES) : 5
SAFETY FACTOR : 1 (1.1)

STAGE 1 FROM SPLASH POINT 3812 15033
: 271041Z DEC 98
NUMBER OF HOURS TO END OF THIS STAGE: 0419 0000 remaining
SEA CURRENT DIRN/SPEED 0/2

	START	END	DIRN	SPEED
1	251200 DEC 98	251800 DEC 98	020	25
2	251800 DEC 98	260000 DEC 98	020	25
3	260000 DEC 98	260600 DEC 98	020	25
4	260600 DEC 98	261200 DEC 98	020	35
5	261200 DEC 98	261800 DEC 98	260	30
6	261800 DEC 98	270000 DEC 98	260	20
7	270000 DEC 98	270600 DEC 98	270	35
8	270600 DEC 98	271200 DEC 98	250	40
9	271200 DEC 98	271800 DEC 98	270	40

SEA CURRENT DIRN/SPEED : 0 / 8.63
WIND CURRENT DIRN/SPEED : 32/ 3.02
LEFT LEEWAY SET : 49/ 12.10
RIGHT LEEWAY SET : 119/ 12.10
LEFT : 3753 15047
RIGHT : 3807 15048

NOW INQUIRY
271410Z



Rescue Coordina

Au

UNION

Time: 271410 ^Z	UTC	Message taken by:
From/To: Libby Holmar		Authority/Company: w. fe of Helmsman Sword of Orion
Phone No: 02 9949 2886		Fax No:

Helo eta?
 1.30 am
 do do what?
 lift people off.

Logged

RACE HQ INQUIRY
271304Z



Rescue Coordination (

Aus / /

Time:	UTC	Message taken by: PLS.
From (To):	PAM HUGHES	Authority/Company:
Phone No:		Fax No:

NO of MOB SWORD OF ORION
& MILINTINA
10 & 6 respectively.
do you have name of mob
NO will ask SSARO(A)
to ask & phone through
name

Logged

SEARCHING DIVISION
2710412



Rescue Coordinati

Aus / /

Time: 10412 UTC	Message taken by:
From / To: SS120 (A)	Authority/Company:
Phone No:	Fax No:

SWORD OF ORION.

38 12 .05

150 33 E

Mayday.

looking @ sending searching
SEARCHING

from B.52 Position

R.

Logged

ACERT COMPANY
DETAILS
2708382



Rescue Coordination

Aus / /

Time: 0838	UTC	Message taken by: APH
From/To: SAR		Authority/Company:
Phone No:		Fax No:

VH-SAR, left scene.
To Mer due WX.
Injury 1 M.C.B.
1 Broken leg
+ Minor inj.
Sword of ORIAN

Logged

FIRST ADVICE
27 0829 Z



Rescue Coordinator

Aus / /

Time: UTC	Message taken by:
From / To:	Authority/Company:
Phone No:	Fax No:

SURVIVAL OF CREW.
38 15 150 25
SURVIVAL OF CREW
3. P.O.B.
1. O'Connell
Several severely
injured
A.

FROM ?

Logged

AMSA

Printed by root at 09:03:19 27 DEC 1998

Our ref: Y1227179
X100 ref: X12278542, X12278543, X12278544, X12278545, X12278546, X12278547,
X12278548, X12278549

Sent via telex/fax/Defence/Inmarsat-C. Created 08:28 27 DEC 98 by SAR

To: 140013, 157749, F0265591885, F0296925427, F0395371435, F0362231308

MHQAUST
INMARSAT C - PACIFIC
Priority: 2 URGENT
Service: 24 CALL TO CIRCULAR AREA
Address: 38S150E200 Centre: 38S 150E Radius 200
Repeat: 43 CAT B: TX 4 HRLY & ECHO
Alphabet: 00 ENGLISH

XXX
Beast
1300
270828Z

EGC Signal: PAN PAN

ITD: C-POR 2:24:38S150E200:43:00 021810:98-12-27/08-56

Defence ref: 8241

Filed on : SAFETY, MRF98/4384

URGENCY

P 270828Z DEC 98
FM RCC AUSTRALIA
TO INMARSAT C - PACIFIC OCEAN REGION
TELSTRA BRISBANE
TELSTRA MELBOURNE
MHQAUST
FAX PENTA COMSTAT
FAX SYDNEY WATER POLICE
FAX MELBOURNE WATER POLICE
FAX RACE CONTROL HOBART
BT

UNCLAS
SIC ICA

AUSSAR 98/4384 - MAN OVERBOARD YACHT SWORD OF ORION
VIS FOR VOICE/MORSE

1. VIS PSE BCAST FLWG URGENCY MSG RTF/RTG ON RECEIPT (AS
APPROPRIATE) AND 4 HRLY ALSO PRECEDE TFC LISTS, MSI SKEDS UFN ALSO
PSE PRECEDE RTF BCAST WITH RTF ANNOUNCEMENT ON 2524, 4535, 4620KHZ AS
PER STANDARD INSTRUCTIONS.

2./BEGINTEXT

FM RCC AUSTRALIA 270828Z DEC 98 AUSSAR 98/4384

POINT HICKS TO MONTAGUE ISLAND CHART AUS359

MAN REPORTED OVERBOARD FROM YACHT SWORD OF ORION VICINITY 38 14S 150
24E AT 270815 UTC DEC 98. REQUEST VESSELS KEEP SHARP LOOKOUT AND
REPORTS TO THIS STATION OR TELEX 7162025.
SEARCH OPERATIONS UNDERWAY.

/ENDTEXT

3. REQUEST POLICE ARRANGE FOR BCAST OF PARA TWO THROUGH VOLUNTEER
MARINE RESCUE BASES, PORT AUTHORITIES AND FISHING COYS IN AREA.

BT