

## Abbreviations and Acronyms

Abbreviation	Acronym
A	area or search area
ACA	Australian Communications Authority
ACFT	aircraft
AFTN	aeronautical fixed telecommunications network
ADF	Australian Defence Force
ALRS	Admiralty List of Radio Signals
AM	amplitude modulation
AMVER	Automated Mutual-assistance Vessel Rescue
AMSA	Australian Maritime Safety Authority
ASRK	Air Sea Rescue Kit (RAAF)
ATA	actual time of arrival
ATC	Air Traffic Control
ATD	actual time of departure
ATS	Air Traffic Services
ATSB	Australian Transport Safety Bureau
AUMCC	Australian Mission Control Centre
AULUTE	Australian Local User Terminal East
AULUTW	Australian Local User Terminal West
AUSREP	Australian Ship Reporting System
C	Coverage Factor
C/C	cabin cruiser
CRS	coast radio station
CSS	coordinator surface search (maritime)
D	datum
D	diameter
De	total drift error
DCJOPS	Deputy Chief Joint Operations
DF	direction finding
DR	dead-reckoning
DGPS	Differential GPS
DSC	digital selective calling
dwt	dead weight tonnes
E	East longitude
E	total probable error of position
ELR	extra long range aircraft
ELT	emergency locator transmitter
EMA	Emergency Management Australia
EPIRB	emergency position indicating radio beacon
ETA	estimated time of arrival
ETD	estimate time of departure
F/V	fishing vessel
Fig	figure
FIR	flight information region
FLIR	forward looking infrared
FM	frequency modulation
GHz	GigaHertz
GMDSS	Global Maritime Distress and Safety System
GPS	Global positioning system
GS	Ground speed

Abbreviation	Acronym
gt	Gross tonnes
h	hours
HDG	heading
HPA	Hectopascals
HEL-H	heavy helicopter
HEL-L	light helicopter
HEL-M	medium helicopter
HF	high frequency
HOAC	Headquarters Air Command (Air Force)
HQJOC	Headquarters Joint Operations Command
I/B	inboard motor
ICAO	International Civil Aviation Organization
IFR	Instrument Flight Rules
IMO	International Maritime Organization
Inmarsat	International Maritime Satellite Organisation
INTERCO	International Code of SIGNALS
JRCC	joint (aviation and maritime) rescue coordination centre
KHz	kiloHertz
kt	knot (nautical mile per hour)
L or l	length
LCRS	Limited Coast Radio Station
LES	land earth station
LHQ	Land Headquarters (Army)
LKP	last known position
LRG	long range
LUT	local user terminal
LW	leeway
m	metres
M	degrees magnetic
MHQ	Maritime Headquarters (Navy)
MAREC	Maritime SAR recognition code
MAX	maximum
MCS	Maritime Communications Station
MIN	Minimum
MPD	miles per day
MPP	most probable position
MSC	marine supply container (RAAF)
M/V	merchant vessel
MCC	mission control centre
MEDEVAC	medical evacuation
MF	medium frequency
MHz	megaHertz
MMSI	Maritime mobile service identity
MRG	Medium range
MSI	Maritime safety information
MTS	Mean track spacing (sector search)
n	number of required track spacings
N	North Latitude
NAVAREA X	Navigational warning area Navigation warning area X (Ten)
NM	nautical mile

Abbreviation	Acronym
NOTAM	notice to airmen
NTES	Northern Territory Emergency Service
NVG	night vision goggles
O/B	outboard motor
OSC	on-scene coordinator
PADS	Precision aerial delivery system
PAW	Police Air Wing
P/C	pleasure craft
PIW	person in water
PLB	personal locator beacon
POB	persons onboard
POD	probability of detection
PR	public relations
R	radius
RAAF	Royal Australian Air Force
RAN	Royal Australian Navy
RB	rescue boat
RC	river current
RCC	Rescue Coordination Centre
RFDS	Royal Flying Doctor Service
S	TRACK SPACING
S	South latitude
S/V	sailing vessel
SAR	search and rescue
SART	search and rescue transponder
SC	Sea current
SDB	SAR Datum Buoys
SES	State Emergency Service
SITREP	situation report
SMC	Search and rescue mission coordinator
SOLAS	International Convention for the Safety of Life at Sea
SOPs	Standard Operating Procedures
SP	splash point
SPOC	search and rescue point of contact
SRG	short range
SRR	search and rescue region
SRS	single raft system
SRU	Search and Rescue Unit
SURPIC	surface picture
T	degrees True
T	search time available
TAS	true air speed
TC	tidal current
TCA	time of closest approach
TELEX	teletype
TWC	total water current
u	wind speed
UHF	Ultra high frequency
ULR	ultra long range
UTC	coordinated universal time

Abbreviation	Acronym
v	speed of search object
V	SAR unit ground speed or aircraft true air speed
VFR	visual flight rules
VHF	very high frequency
VLR	very long range
VMC	visual meteorological conditions
w	width
W	sweep width
W	west longitude
W/C	wind current
W/V	wind velocity
Wu	uncorrected sweep width
X	Search target position error
Y	Search unit position error