

WORLDWIDE SEAFLOOR SWATH-MAPPING SYSTEMS

COUNTRY / VESSEL NAME	OPERATOR	SYSTEM	INSTALL YR
	note: highlighted systems have been verified by operator as still in service		
<b>ABU DHABI</b>			
	SEATRONICS ABU DHABI	GEOSWATH PLUS-125 kHz, SEATRONICS 250kHz 2 SYS)	2004
<b>ALGERIA</b>			
	ALGERIAN NAVY-HYDROGRAPHIC SERVICE	SEABEAM 1185	2003
<b>ARGENTINA</b>			
CAPITANO OCA BALDA (RETIRED)	NATIONAL INSTITUTE OF FISHERIES RESEARCH (INIDEP)	SIMRAD EM-1002	2004
COMMODORO RIVADAVIA	ARGENTINE NAVY	SIMRAD EM-3000	2006
	INSTITUTO DE ARGENTINO OCEANOGRAFIA	GEOSWATH PLUS-250 kHz	2005
	JAN DE NUL	GEOSWATH PLUS-250 kHz (2 systems)	2006, 2009
<b>AUSTRALIA:</b>			
BENALLA	ROYAL AUSTRALIAN NAVY	RESON SEABAT 7125	2010
CASUARINI (Leeuwin Survey Launch)	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-200	1997
CONDOR RAN School Ship	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-200	2003
GOOK (retired, disposed of)	ROYAL AUSTRALIAN NAVY	SEABEAM	1966 (retired)
DUYFKEN (Melville Survey Launch)	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-200	1998
WYATT EARP	ROYAL AUSTRALIAN NAVY	RESON SEABAT 7125	2009
FANTOME (Leeuwin Survey Launch)	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-200	1997
FELIX	HYDROSURVEY AUSTRALIA	GEOSWATH 250 KHz	2009
GEOGRAPHE (Melville Survey Launch)	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-200	1998
JOHN GOWLAND (School: Survey Launch)	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-100	1998
ALEC HANSEN II	WESTERN AUSTRALIAN GOVERNMENT	RESON SEABAT 8101	
INVESTIGATOR (retired from service)	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-200	1997
INVESTIGATOR	PORT OF BRISBANE CORPORATION	RESON SEABAT 7125	2007
LEEWIN	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-100	1997
MELVILLE	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-100	1998
MEDA (Melville Survey Launch)	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-200	1998
MERMAID	ROYAL AUSTRALIAN NAVY	RESON SEABAT 7125	2009
PATHFINDER	HYDROSURVEY AUSTRALIA	GEOSWATH 250 KHz	2009
PALUMA	ROYAL AUSTRALIAN NAVY	RESON SEABAT 7125	2009
JIM PEEL	PORT OF BRISBANE CORPORATION	RESON SEABAT 8125	2005
SHEPPARTON	ROYAL AUSTRALIAN NAVY	RESON SEABAT 7125	2010
SOUTHERN SURVEYOR	JAMES COOK UNIVERSITY	RESON SEABAT 8101	1999
TOM THUMB (RAN School Ship)	ROYAL AUSTRALIAN NAVY	ATLAS FANSWEEP-20-200	1998
	COAST COOPERATION RESEARCH CENTRE	RESON SEABAT 8125	2003
	DEPARTMENT OF ENVIRONMENT AND CONSERVATION (NSW)	GEOSWATH PLUS	2002
	DEPARTMENT OF ENVIRONMENT AND HERITAGE, SOUTH AUSTRALIS	GEOSWATH PLUS 250 KkHz	2008
	FLINDERS PORTS - SOUTH AUSTRALIA	GEOSWATH PLUS 250 kHz	2004
	FREMANTLE PORT AUTHORITY	RESON SEABAT	
	FUGRO SURVEY PTY. LTD	RESON SEABAT	
	FUGRO SURVEY PTY. LTD	GEOSWATH PLUS-125 kHz	2005
	GARDLINE AUSTRALIA PTY LTD	GEOSWATH PLUS-250kHz	2010
	MAPPING AND HYDROGRAPHIC SERVICES	SIMRAD EM-3000	2006
	MELBOURNE PORT AUTHORITY	RESON SEABAT 8125	2005
	NEWCASTLE PORT AUTHORITY	RESON SEABAT 8125	2005
	PORTS CORP - SOUTH AUSTRALIA	GEOSWATH	
	RACAL-AUSTRALIA	RESON SEABAT 9003-350	
	SEISMIC ASIA PACIFIC	SEABEAM 1055 Dual frequency	upgrade 2000
	3D MARINE MAPPING	GEOSWATH PLUS-250kHz	2007
	WOODSIDE PETROLEUM	ATLAS FANSWEEP-10	1993
<b>AUSTRIA:</b>			
ALPHA	DANUBE OPERATION AUTHORITY-VIENNA	ATLAS FANSWEEP-20-200	1996
KREMS	B.M. FUR VERKEHR SCHIFFAHRTSBEHORDE	SIMRAD EM-3000 (DUAL)	1996
WIEN 3	DANUBE OPERATION AUTHORITY-VIENNA	ATLAS FANSWEEP-20	1996
WIEN 4	DANUBE OPERATION AUTHORITY-VIENNA	ATLAS FANSWEEP-20	1996
<b>BANGLADESH</b>			
	OCCIDENTAL PETROLEUM OF BANGLADESH	RESON SEABAT	
<b>BELGIUM:</b>			
BELGICA	BELGIAN MATHEMATICAL MODEL OF THE NORTH SEA (MUMM)	SIMRAD EM-1002 (retractable hull unit)	1999
	BELGIAN MATHEMATICAL MODEL OF THE NORTH SEA (MUMM)	SIMRAD EM-3002	2008
BELGICA	UNIVERSITY OF GHENT	SEABEAM 1050D (DUAL FREQUENCY)	2006
JACQUELINE	SILT-ZEEBRUGGE	ATLAS FANSWEEP-20-100	1996
KOMMANDOR JACK (CHARTER)	GEMS INTERNATIONAL NV	SIMRAD EM-122	2009
OOSTEND XI	SILT-ZEEBRUGGE	ATLAS FANSWEEP-20-100	1996
PAREL II	MDK-FLEMISH HYDROGRAPHY	SIMRAD EM-3002D	2007
TER STREEP	MDK-FLEMISH HYDROGRAPHY	SIMRAD EM-3002D	2006
VEREMANS	MDK-FLEMISH HYDROGRAPHY	SIMRAD EM-3002D	2006
	BELGIAN NAVY	SIMRAD EM-3002 (7 systems)	2006, 2007
	DREDGING INTERNATIONAL	RESON SEABAT 8125 (2 systems)	2006
	GEOXYZ	RESON SEABAT 8125	2006
	JAN DE NUL DREDGING	SIMRAD EM-3002 (6 systems)	2003, 2006
	JAN DE NUL DREDGING	GEOSWATH PLUS-125 kHz	2005
<b>BRAZIL:</b>			
ALMIRANTE MAXIMIANO (POLAR RESEARCH)	BRAZILIAN NAVAL HYDROGRAPHIC OFFICE (DHN)	SIMRAD EM-302	2010
GARNIER SAMPAIO	BRAZILIAN NAVY	SIMRAD EM-3002	2009
SIRIUS	BRAZILIAN NAVAL HYDROGRAPHIC OFFICE (DHN)	SIMRAD EM-302	2009
TAURUS	BRAZILIAN NAVAL HYDROGRAPHIC OFFICE (DHN)	SIMRAD EM-1002	1998
	BANDEIRANTES DRAGAGEM E CONTRUCAO LTDA	RESON SEABAT	
	BRAZILIAN NAVY-AMAZON HYDROGRAPHIC OFFICE	RESON SEABAT 9001-350	
	BRAZILIAN NAVY-CENTER OF HYDROGRAPHY	SIMRAD EM 3000	2009
ROV	FUGRO BRAZIL	SIMRAD EM-2000	2007
	FONSECA ALMEIDA REPR. CO. LTDA.	RESON SEABAT	
	HERMASA NAVIGACAO DE AMAZONIA	RESON SEABAT	
	HIDROGART CARTOGRAFIA LTDA.	RESON SEABAT	
<b>BRUNEI</b>			
	BRUNEI SHELL PETROLEUM COMPANY SDN BHD	RESON SEABAT	

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<b>CAMEROON</b>			
	LOCATECH SERVICES sarl	GEOSWATH PLUS 250 Khz	2009
<b>CANADA:</b>			
AMUNDSEN (ex-CCCS J Franklin - Icebreaker)	ARCTICNET NCE	SIMRAD EM-302 1° X 2°	2008
BEAUFORT EXPLORER	AQUATICS ENVIRONMENTAL SYSTEMS INC	TELEDYNE BENTHOS C3D (2 systems, pole mounted)	2006
FREDERICK G. CREED	CANADIAN HYDROGRAPHIC SERVICE (QUEBEC REGION)	SIMRAD EM-1002S	2005
DELTA EXPLORER	AQUATICS ENVIRONMENTAL SYSTEMS INC	ROSS 875-6 SWEEP (6 transducers)	2008
DOLPHIN (ROBV)	CANADIAN HYDROGRAPHIC SERVICE	SIMRAD EM-1000	1990
FUGRO JACQUES	FUGRO	RESON SEABAT 8101	
GANNET	CANADIAN HYDROGRAPHIC SERVICE (CENTRAL & ARCTIC REGION)	ODOM ES3M	2009
GARROT	CANADIAN HYDROGRAPHIC SERVICE (QUEBEC REGION)	NAVITRONICS (210 Khz) sweep (6 transducers)	2005
GARROT	CANADIAN HYDROGRAPHIC SERVICE (QUEBEC REGION)	SIMRAD EM-3002S	2005
GC 03 (SWEEP SYSTEM)	CANADIAN HYDROGRAPHIC SERVICE (QUEBEC REGION)	NAVITRONICS (210 Khz) sweep (12 transducers)	1980
GUILLEMET	CANADIAN HYDROGRAPHIC SERVICE (QUEBEC REGION)	SIMRAD EM-3002S	2007
HARBERCRAFT	AQUATICS ENVIRONMENTAL SYSTEMS INC	TELEDYNE BENTHOS C3D (2 systems, pole mounted)	2007
LOUIS M. LAUZIER	CANADIAN HYDROGRAPHIC SERVICE	SIMRAD EM-100	1989
MATTHEW	CANADIAN HYDROGRAPHIC SERVICE (ATLANTIC REGION)	SIMRAD EM-710	2006
MERLIN	CANADIAN HYDROGRAPHIC SERVICE (CENTRAL & ARCTIC REGION)	SIMRAD EM 3002S	2004
MORILLON	CANADIAN HYDROGRAPHIC SERVICE (QUEBEC REGION)	NAVITRONICS (210 Khz) sweep (6 transducers)	2005
PELICAN	CANADIAN HYDROGRAPHIC SERVICE (CENTRAL & ARCTIC REGION)	SOMRAD 3002S	2005
PETREL	CANADIAN HYDROGRAPHIC SERVICE (ATLANTIC REGION)	SIMRAD EM-3002S	2005
ANNE S. PIERCE	SEAMAP GEOSURVEYS INC	SIMRAD EM-1002 (w/hull unit)	1999
PIPIT	CANADIAN HYDROGRAPHIC SERVICE (ATLANTIC REGION)	SIMRAD EM-3002D	2007
PLOVER	CANADIAN HYDROGRAPHIC SERVICE (ATLANTIC REGION)	SIMRAD EM-3002S	2005
PUFFIN	INSTITUTE OF OCEAN SCIENCE	SIMRAD EM-3000	1995
REVISOR	CANADIAN HYDROGRAPHIC SERVICE	SIMRAD EM-3000	1997
SHOAL SEEKER	CANADIAN HYDROGRAPHIC SERVICE (PACIFIC REGION)	TELEDYNE BENTHOS C3D (2 systems, pole mounted)	2009
FCG SMITH (SWATH/SWEEP SYSTEM)	CANADIAN HYDROGRAPHIC SERVICE	NAVITRONICS (210 kHz) SWEEP (33 transducers)	2005
CCGS VECTOR	CANADIAN HYDROGRAPHIC SERVICE	SIMRAD EM 710	2008
R.B.YOUNG	CANADIAN HYDROGRAPHIC SERVICE	SIMRAD EM-1002 (with hull unit)	1999
	<b>TB I CANADIAN HYDROGRAPHIC SERVICE (ATLANTIC REGION)</b>	<b>SIMRAD EM-710 (2° X 2°)</b>	<b>2010</b>
	CANADIAN HYDROGRAPHIC SERVICE	SIMRAD EM-3002 (2 systems)	2007
	CANADIAN HYDROGRAPHIC SERVICE	SIMRAD EM-302	2007
	CANADIAN HYDROGRAPHIC SERVICE	SIMRAD EM-710	2008
	CANADIAN COAST GUARD	SIMRAD EM-3000	2002
	DEFENCE RESEARCH ESTABLISHMENT-ATLANTIC (DREA)	RESON SEABAT 8125	2002
	ST. LAWRENCE SEAWAY AUTHORITY	RESON SEABAT	
<b>CHILE:</b>			
ALBATROSS (SURVEY LAUNCH)	CHILEAN NAVY-SHOA	RESON SEABAT 7125e	2008
CABRALES	CHILEAN NAVY-SHOA	ATLAS HYDROSWEET MD-2, FANSWEEP-20-200	1999
MEDUSA	CHILEAN NAVY-SHOA	SIMRAD EM 122 (1°X°), EM 710 (1°X°)	2008
ALTE. JOSE TORINO MERINO CASTRO	CHILEAN NAVY-SHOA	RESON SEABAT 8160	2008
CONTRAALMIRANTE OSCAR VIEL TORO (ICEBREA)	CHILEAN NAVY-SHOA	SEABEAM 3020	2009
	BENTOS	SEABEAM 1185	2007
<b>CHINA:</b>			
DAYANG YI HAO	CHINA OCEAN MINERAL AND DEVELOPMENT AGENCY	SEABEAM 2112.360, SEABEAM 3012 (upgrade)	1995, 2002
DAYANG YI HAO	CHINA OCEAN MINERAL AND DEVELOPMENT AGENCY	SIMRAD EM-120 (1°X1°)	2005
FEN DOU 4	GUANGZHOU MARINE GEOLOGICAL SURVEY (GMGS)	SIMRAD EM-3000, EM-950	1997
FEN DOU 4	GUANGZHOU MARINE GEOLOGICAL SURVEY (GMGS)	SIMRAD EM-1002 (2°X2°)	2008
FEN DOU 5	GUANGZHOU MARINE GEOLOGICAL SURVEY (GMGS)	SIMRAD EM-710R (1°X2°)	2009
HAI-YANG 4	MINISTRY OF GEOLOGY	SEABEAM 2112	1995
HAI-YANG 6	GUANGZHOU MARINE GEOLOGICAL SURVEY (GMGS)	SIMRAD EM-122 (1°X1°)	2009
HAE-YANG 2000	MINISTRY OF TRANSPORTATION	SEABEAM 2112.360 (12/36 kHz)	1998
HC-1007	CHINA MARITIME SAFETY ADMINISTRATION-SHANGHAI	ATLAS FANSWEEP-20-200	2001
HUBAOYU 2378	SHANGHAI WATERWAY BUREAU-CMSA	ATLAS FANSWEEP-20-200	1999
HYDRO 2	HONG KONG MARINE DEPARTMENT	SIMRAD EM-3000	1997
KC-2	CHINESE NAVY - ZHAN ZIANG	ATLAS FANSWEEP-20-200	2002
NEZHA (AUV)	HARBIN ENGINEERING UNIVERSITY	GEOSWATH PLUS AUV 500 khz	2008
XIANG YANG HONG 14	STATE OCEANOGRAPHIC ADMIN.(SOA)-S CHINA SEA BRANCH	RESON SEABAT 8150	2004
YEZHIZHEN	QINGDAO INSTITUTE OF MARINE GEOLOGY (QIMG)	SIMRAD EM-710RD (2°X2°)	2008
"SURVEY VESSEL"	SHANGHAI PORT AUTHORITY	ATLAS FANSWEEP-10	1993
	BOHAI OIL COMPANY	TRITON-ELICS HYDROSUITE	2001
	BOHAI OIL COMPANY	GEOSWATH PLUS 125 kHz	2010
	BUREAU OF YANGTZE RIVER HYDROLOGY	RESON SEABAT 9001S	1998
"DREDGER"	CHANGJIANG WATERWAY BUREAU - WUHAN	ATLAS FANSWEEP 20-200	2004
	CHINA OILFIELD OFFSHORE SERVICES LTD	SIMRAD EM-302	2007
	CHINA ORES	GEOSWATH PLUS 125 Khz	2002
	CHINA OCEAN UNIVERSITY-QINDAO	GEOSWATH PLUS 250 Khz	2006
	CHINA YELLOW RIVERS	GEOSWATH PLUS 125 Khz	2003
	DALIAN PORT	GEOSWATH PLUS 125 Khz	2001
	DONGHAI BRANCH	GEOSWATH PLUS 125 Khz	2002
	EAST CHINA SEA BUREAU	GEOSWATH PLUS 250 Khz	2007
	EAST CHINA SEA INSTITUTE	GEOSWATH PLUS 250 Khz	2007
	EGS SURVEY COMPANY-HONG KONG	GEOSWATH PLUS 125 Khz	2008
	EGS SURVEY COMPANY-HONG KONG	ELAC BCC II-180 kHz (3 sys)	1994, 1996, 1997
	EGS SURVEY COMPANY-HONG KONG	SEABEAM 1050 D (DUAL FREQ-upgrade)	1999
	EGS SURVEY COMPANY-HONG KONG	SEABEAM 1180	2000
	ESTUARY INSTITUTE-HANGZHOU	GEOSWATH PLUS 125 kHz	2008
	FIRST INSTITUTE OF OCEANOGRAPHY	SIMRAD EM-3000, EM-950	1997
	FUZHOU DREDGING	GEOSWATH PLUS 125 Khz	2000
	GUANGDONG WATER RESOURCES BUREAU	SEABEAM 1185	2003
	GUANGXI TRANSPORT BUREAU	GEOSWATH PLUS 250 kHz	2009
	GUANGZHOU FISHERY BUREAU	GEOSWATH PLUS 125 Khz	2005
	GUANGZHOU MARINE GEOLOGICAL SURVEY (GMGS)	GEOSWATH PLUS 250 kHz	2007
	GUANGZHOU SALVAGE BUREAU	GEOSWATH PLUS 250 kHz	
	HARBIN SHIPBUILDING INSTITUTE	RESON SEABAT	2008
	HONG KONG CIVIL ENGINEERING (HYDROGRAPHIC DEPT)	ODOM ECHOSCAN	2000
	HONG KONG MARINE DEPARTMENT	RESON SEABAT 9001S-350	
	HONG KONG POLYTECHNIC UNIVERSITY	SEABEAM 1185	2000
	INSTITUTE OF GEOPHYS. & GEOCHEM. EXPLOR.-HONG KONG	ELAC SEABEAM 1185	2002
	INSTITUTE OF OCEANOLOGY-CHINESE ACAD. SCIENCE	GEOSWATH PLUS 125 Khz	
	INSTITUTE OF OCEANOLOGY-CHINESE ACAD. SCIENCE	RESON SEABAT	
	LAUREL INDUSTRIAL COMPANY, BEIJING	RESON SEABAT 8125	2002

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	LAUREL INDUSTRIAL COMPANY, BEIJING	SEABEAM 1050D (DUAL SYSTEM) (2systems)	2002
	JIANGSU HYDROGRAPHY INSTITUTE	GEOSWATH PLUS 125 KHz	2002
	JIANXI INSTITUTE OF WATER RESOURCES-JUIJIANG PORT	RESON 8101	2000
	MACOU PORT	GEOSWATH PLUS 250 KHz	2006
	MINISTRY OF GEOLOGY-QINGDAO	SIMRAD EM-3000, EM-950	1998
	MINISTRY OF GEOLOGY-SHANGHAI	SIMRAD EM-3000, EM-950	1997
	NATIONAL MARITIME ENVIRONMENTAL MONITORING CENTER	GEOSWATH	
	NATIONAL OCEAN TECHNOLOGY CENTRE	SIMRAD EM-120 (1° X 1°)	2002
	OCEAN UNIVERSITY-QINGDAO	SEABEAM 1050	2002
	SECOND INSTITUTE OF OCEANOGRAPHY, HANGZHOU	SEABEAM 1050 D (DUAL FREQ)	1998
	SECOND INSTITUTE OF OCEANOGRAPHY, HANGZHOU	GEOSWATH PLUS 125 KHz	2008
	SHANGHAI	GEOSWATH PLUS 125 KHz	2001
	SHANGHAI WATERWAY BUREAU-CMSA	ATLAS FANSWEEP-20	2000
AUV	SIA	GEOSWATH PLUS AUG 125 kHz	2009
	STATE OCEANIC ADMINISTRATION-NORTH CHINA SEA BRANCH	SIMRAD EM-1002	2002
	STATE OCEANIC ADMINISTRATION-SOUTH CHINA SEA BRANCH	SEABEAM 1180	2002
	STATE OCEANIC ADMINISTRATION - SECOND INSTITUTE	RESON SEABAT 8101	2000
	SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY	GEOSWATH PLUS 125 KHz	2004
	SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY	RESON SEABAT	
	THIRD INSTITUTE OF OCEANOGRAPHY, XIAMEN	SEABEAM 1180 (DUAL)	1999
	THIRD NAVIGATION ENGINEERING COMPANY-SHANGHAI	ATLAS FANSWEEP 15 (2 systems)	2001
	TIANJIN DREDGING	GEOSWATH PLUS 125 KHz	2003
	TIANJIN HARBOUR WATER CARRIAGE CO.	GEOSWATH PLUS 125 KHz	2006
	XIAMEN WATERWAY STATION	GEOSWATH PLUS 250 KHz	2006
	YANGTZE ESTUARY WATERWAY CONSTRUCTION-SHANGHAI	GEOSWATH PLUS 250 KHz	2006
	YANTAL SALVAGE BUREAU	GEOSWATH PLUS 250 kHz	2007
	YELLOW RIVER HYDROELECTRIC BUREAU	GEOSWATH	
<b>COLOMBIA</b>			
PROVIDENCIA	COLOMBIAN NAVY	ATLAS HYDROSWEPT MD-2 / 30 kHz	2003
QUINDIO	COLOMBIAN NAVY	ATLAS FANSWEEP 20-200	2003
	JAMES LEE ENTERPRISES	GEOSWATH PLUS 250 kHz	2008
<b>CROATIA</b>			
R/V HYDRA	HYDROGRAPHIC INSTITUTE OF REPUBLIC OF CROATIA	SIMRAD EM-3002	2006
	BRODARSKI INSTITUT	RESON SEABAT	
<b>DENMARK:</b>			
DIGI	EIVA A/S	RESON SEABAT 8101-210	
EKKO	EIVA A/S	RESON SEABAT 8101-210	
GRIBBEN	ROYAL DANISH ADMIN OF NAVIG. & HYDROGRAPHY	ELAC BCC-180 kHz	1992
MARIDAN 600 AUV	MARIDAN SURVEY A/S	RESON SEABAT 8125	2001
SKA 15 SURVEY VESSEL	ROYAL DANISH ADMINISTRATION - NAVIGATION & HYDROGRAPHY	SEABEAM 1180 (upgrade)	1999
SKA 16 SURVEY VESSEL	ROYAL DANISH ADMINISTRATION - NAVIGATION & HYDROGRAPHY	SEABEAM 1180 (upgrade)	1999
VAEDDERAN	ROYAL DANISH NAVY/ROYAL DANISH ADMIN NAV & HYDROGR.	RESON SEABAT 7150	2007
	COPENHAGEN HARBOR AUTHORITY	RESON SEABAT 9001	
	DANISH FOREIGN MINISTRY	RESON SEABAT	
	DANSURVEY	RESON SEABAT	
	EIVA A/S	RESON SEABAT 9001-350 (2 systems)	
	GEOLOGICAL SURVEY OF DENMARK & GREENLAND (GEUS)	SIMRAD EM 3002	2005
	KYSTINSPEKTORATET	RESON SEABAT	
	ORESUNDSFORBINDELSEN	RESON SEABAT	
	ROYAL DANISH ADMIN OF NAVIG. & HYDROGRAPHY	ELAC BCC-180 KHz (4 sys)	1991, 1994 (3)
	SOVOERNETS MATERIELKOMMANDO	RESON SEABAT	
	STOREBOELTSKONSORTIET	RESON SEABAT	
	SVITZER A/S	RESON SEABAT 9001-350	
<b>DUBAI</b>			
UTEQ SAQR	COASTAL MANAGEMENT DEPARTMENT-UTEQ	SIMRAD EM 3002D	2007
<b>ECUADOR</b>			
ORION	INOCAR	SIMRAD EM-302	2009
<b>EGYPT</b>			
DAHAB	SUEZ CANAL AUTHORITY	ATLAS FANSWEEP 20-200	2002
	EGYPTIAN HYDROGRAPHICAL DIVISION	RESON SEABAT 8160 (2 systems)	2005, 2006
	NAVIGATION AND HYDROGRAPHIC DEPARTMENT (SAMAB)	RESON SEABAT 8124	2005
<b>EIRE</b>			
BLIGH	GLOBAL OCEAN TECHNOLOGIES (GOTECH) LTD	SIMRAD EM-120 / EM-1002	2000
CELTIC EXPLORER	MARINE INSTITUTE, DUBLIN	SIMRAD EM-1002	2002
CELTIC VOYAGER	MARINE INSTITUTE, DUBLIN	SIMRAD EM-950, SIMRAD EM 1002S	1999, 2000
SIREN	GLOBAL OCEAN TECHNOLOGIES LTD	SIMRAD EM-120 (2x2) / EM-1002	2000
	GLOBAL OCEAN TECHNOLOGIES LTD	SIMRAD EM-12 / EM-1002	2000
	IMAR SURVEY LTD	SIMRAD EM-1002, EM-3002D	2005
<b>ESTONIA</b>			
	ESTONIA MARITIME BOARD (ENMB)	RESON SEABAT	
<b>FIJI</b>			
	SOPAC	RESON SEABAT	
<b>FINLAND:</b>			
ARISTO	MERITAITO OY	RESON SEABAT 7125 400/200 kHz	2008
GEOMARI	FINNISH NAVAL RESEARCH INSTITUTE	ATLAS FANSWEEP 20-200	2004
KAIKUJ	MERITAITO OY	RESON SEABAT 8101	2003
M620 (Launch)	MERITAITO OY	RESON SEABAT 8101	1999
M640 (Launch)	MERITAITO OY	RESON SEABAT 7101	2009
PAESIKUNTA	FINNISH NAVAL RESEARCH INSTITUTE	ATLAS FANSWEEP-20	2003
SUUNTA	MERITAITO OY	RESON SEABAT 7111	2009
	FINNISH NAVY	SIMRAD EM 710	2011
	AUV-HUGIN 1000	SIMRAD EM 710	2007
	SURVEY LAUNCH	RESON SEABAT 7125 400 kHz	2008
	SURVEY LAUNCH	RESON SEABAT 7125 400 kHz	2009
	SURVEY LAUNCH	RESON SEABAT 7101 SV	2009

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<b>FRANCE:</b>			
ASTER X (auv)	IFREMER	SIMRAD EM-2000 (2000 KhZ)	2007
L'ATALANTE	IFREMER	SIMRAD EM-12 (DUAL), SIMRAD EM-950	1990/1994
L'ATALANTE (UPGRADED)	IFREMER	SIMRAD EM-122 (1" X 2"), EM-710	2009
BEAUTEPS - BEAUPRE	S.H.O.M.	SIMRAD EM-120 (1"x1" system), EM-1002	2002
BORDA	S.H.O.M.	THOMSON SINTRA ASM, SIMRAD EM-1002S	1988, 2001
L'ESPERANCE (retired)	S.H.O.M.	SIMRAD EM-12 (DUAL)	1992
PETER FABER	ALCATEL	SEABEAM 1050D (DUAL FREQUENCY)	2006
HALIOTIS 2000	IFREMER	GEOSWATH PLUS 250 KhZ	2008
JANUS	COMEX	RESON SEABAT 8101/Triton Elics HS150	2001
LAPEROUSE	S.H.O.M.	SIMRAD EM-1002S	1999
LAPLACE	S.H.O.M.	SIMRAD EM-1002S	2000
MARION DUFRESNE II	IFRTP (FRENCH POLAR INSTITUTE)	THOMSON MARCONI TSM 5265	1996
MOUETTE & FREGATE	PORT AUTONOME DE DUNKERQUE	ATLAS FANSWEEP 20-200	2000
LE SUROIT	IFREMER	SIMRAD EM-1000, EM-300 (1x2" system)	1991, 1997
OCEAN SURVEYOR	LD CANOCEAN	SIMRAD EM-12, EM-950	1990, 1994
PORQUOI PAS?	IFREMER	RESON SEABAT 8460, 8444, 7111, 7150D	2003, 2010
PORQUOI PAS?	ifremer, shom	RESON SEABAT	
THALASSA	IFREMER	SIMRAD ME-70 (BIOLOGICS MBES)	2005
VEDETTE HYDROGRAPHIQUE 90	S.H.O.M.	ATLAS FANSWEEP 20-200 (system removed)	2000
VICTOR 6000 (ROV)	IFREMER	RESON 7125	
	CADDEEN/FRANCE	SEABEAM 1185 (3 systems)	2004, 2006, 2007
	DRAGAGES PORT	SIMRAD EM-3000	2001
	FAUQUEMBERGUE	SEABEAM 1185	2007
Fassmer Survey Launches (7)	S.H.O.M.	SIMRAD EM-3002	2003, 2004
	IFREMER	GEOSWATH PLUS 250 KhZ	2006
	LD CANOCEAN	RESON SEABAT	
	GTM DUMEZ	SIMRAD EM-3000	1998
	GROUPE DE ETUDES SOUS MARINE DE LA ATLANTIQUE	RESON SEABAT 8125	
	MARITECH SARL	GEOSWATH PLUS 250 KhZ	2004
	MESURIS	RESON SEABAT	
	PORT AUTONOME DE LE HARVE	RESON SEBAT	
	PORT AUTONOME DE MARSEILLE	RESON SEABAT	
	SADERET	GEOSWATH PLUS 250 KhZ	2007
	SOPHYE	SIMRAD EM-3002	2007
<b>GERMANY:</b>			
ALUBOMBER	NAUTIK GMBH	SEABEAM 1185	2005
BALTIC	WASSER UND SCHIFFAHRTS AMT-STRALSUND	SIMRAD EM-3000D	2002
BIENE	WASSER UND SCHIFFAHRTS AMT-HAMBURG	SIMRAD EM-3000 D, SIMRAD-EM-300D	1998, 2007
DEEP-C (AUV)	O.S.A.E., BREMEN	RESON 7K (200 khz)	2004
DEEPENSCHRIEVER III	PORT OF HAMBURG	ATLAS FANSWEEP-20-200	1996
DENEB	BSH	ATLAS HYDROSWEPT MD, FANSWEEP-20	1993, 2007
GENIUSBANK	O.S.A.E., BREMEN	RESON SEABAT 8101	
GENIUSBANK	O.S.A.E., BREMEN	SIMRAD EM-3002, SIMRAD EM-3002	2004, 2006
KOMET	BSH	ATLAS FANSWEEP 20-200	1998
KOMET 4 (Komet Survey launch)	BSH	ATLAS FANSWEEP 15	1998
KOMMANDOR JACK (ex-Valdivia)	O.S.A.E., BREMEN	SIMRAD EM-120, SIMRAD 1002	1998, 2000
KORMORAN	INSTITUTE OF LAKE RESEARCH (ISF) LANGENAGEN	SIMRAD EM-3002	2008
JADE	WASSER UND SCHIFFAHRTS AMT-WILHELMSHAVEN	ATLAS FANSWEEP 20-200	2002
JENS UWE LORNSEN	WASSER UND SCHIFFAHRTS AMT-TONNING	ATLAS FANSWEEP 20-200	1998
JET STREAM	O.S.A.E.	SIMRAD EM-3002	2006
LITTORINA	UNIVERSITY OF KIEL	SEABEAM 1185	2002
MARIA S. MERIAN	BALTIC SEA RESEARCH INSTITUTE-WARNEMUNDE	SIMRAD EM-120, EM-1002	2005
MERIDIAN	O.S.A.E., BREMEN	RESON SEABAT 8101-ER	2004
METEOR	RF FORSCHUNGSSCHIFFAHRT GMBH	ATLAS HYDROSWP DS, SIMRAD EM-120 (repl.), EM-710	1986, 2005
NADIR	WASSER UND SCHIFFAHRTS AMT-BREMEN	ATLAS FANSWEEP 20-200	2002
NEKTON	UNIVERSITY OF HAMBURG	SEABEAM 1185	2005
WFS PLANET	TNSW EMDEN	ATLAS HYDROSWEPT DS-2	2002
POLARSTERN (Icebreaker)	ALFRED-WEGENER-INSTITUT FUR POLARFORSCHUNG	ATLAS HYDROSWEPT DS-2, PARASOUND P-70	1994, 2005
RANGER (Mobile)	O.S.A.E., BREMEN	SIMRAD EM-3000	2002
REIHER	WASSER UND SHIFFAHRTS AMT-DUISBURG	SIMRAD EM-3000 D	1998
SONNE	BMFT/RF	ATLAS HYDROSWEPT DS, SIMRAD EM 120 (repl.)	1991, 2001
SOUNDING SYMPHONY	O.S.A.E., BREMEN	ATLAS FANSWEEP-10	
STORCH	G.K.S.S.	SIMRAD EM-3000	1998
TANGENS	WASSER UND SHIFFAHRTS AMT-REGENSBURG	SIMRAD EM-3000 D	1998
UNKELSTEIN	WASSER UND SHIFFAHRTS AMT-BINGEN	SIMRAD EM-3000 D	1999
VIKTOR HENSEN	O.S.A.E.	SIMRAD EM 710 (0.5" X 1	2006
WEGA	BSH	ATLAS HYDROSWEPT MD	1991
WEGA	BSH	SIMRAD EM-3000D	2001
ZENIT	WASSER UND SCHIFFAHRTS AMT-BREMERHAVEN	ELAC BCC II 180 kHz, ATLAS FANSWEEP 20-200	??, 2002
	BSH	GEOSWATH 250 khz	2010
	CONSULT ING TEAM	RESON SEABAT	
	E.ON WASSERKRAFT	SIMRAD EM 3000 D	2003
	FORSCHUNGSZENTRUM KÜSTE (FZK) HANNOVER	RESON SEABAT 7125-SV	2009
	GEOINGENIEURSERVICE NORD OST GMBH-MILTZW	RESON SEABAT 7101	2009
	HAMBURG PORT AUTHORITY	RESON SEABAT 7101	2009
	INSTITUT FUR MEERESKUNDE - GEOMAR	SEABEAM 1185	2007
	KONGSBERG MARITIME GMBH	SIMRAD EM-3002	2006
	NAVITRONICS GmbH (Schaeffermeier)	RESON SEABAT 9001-350	
	NICOLA ENGINEERING	SIMRAD EM-120	1999
	NICOLA ENGINEERING	SIMRAD EM-3000 (portable system)	1999
	O.S.A.E.	SIMRAD EM-710	2007
	TYSKLAND	SIMRAD EM 3000 (AUV installation)	2007
	WASSER UND SCHIFFAHRTS AMT-TONNING	RESON SEABAT	
<b>GREECE</b>			
AEGAEON	GREEK NATIONAL CENTRE FOR MARINE RESEARCH	SEABEAM 2120, SEABEAM 1055	1999, 2002
NAFTILOS	HELLENIC NAVY HYDROGRAPHIC SERVICE	SIMRAD EM-1002	2001
PITHEAS	HELLENIC NAVY HYDROGRAPHIC SERVICE	SIMRAD EM-2000	2001
	AKTI ENGINEERING	GEOSWATH PLUS 125 khz	2004
	GEOTECH LTD.	SEABEAM 1185	2008
	GREEK NATIONAL CENTRE FOR MARINE RESEARCH	SEABEAM 1180	2000
	UNIVERSITY OF ATHENS	SEABEAM 1055	2002
<b>HUNGARY</b>			
GYÖR 1	NORTH-TRANS-DANUBIAN DISTRICT WATER AUTHORITY	ATLAS FANSWEEP 20-200	1997

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	VITUKI KHT	SIMRAD EM-3002	2006
<b>ICELAND</b>			
ARNI FREDRIKSSON	ICELAND MARINE RESEARCH INSTITUTE	SIMRAD EM-300	2000
BALDUR	ICELANDIC COAST GUARD - HYDROGRAPHIC DEPARTMENT	RESON SEABAT 8101	2004
(NEW VESSEL)	ICELANDIC COAST GUARD - HYDROGRAPHIC DEPARTMENT	RESON SEABAT 8160	2009
	SURVEY LAUNCH ICELANDIC MARITIME ADMINISTRATION	RESON SEABAT 8125	2006
	GAVIA (AUV)	GEOSWATH PLUS 500 kHz	2006
	GAVIA (AUV) (ACERGY)	GEOSWATH 250kHz	2009
<b>INDIA:</b>			
DARSHAK	NAVAL HYDROGRAPHIC OFFICE	SEABEAM 2112	1996 (2)
INVESTIGATOR	NAVAL HYDROGRAPHIC OFFICE	SEABEAM 2112	1998
	SURVEY LAUNCHES (8)	NAVAL HYDROGRAPHIC OFFICE	SEABEAM 1180 (8 systems)
JAMUNA	NATIONAL HYDROGRAPHIC OFFICE	SEABEAM 1185	1996(4), 1998(2), 2001 (2)
NIRDESHAK	NAVAL HYDROGRAPHIC OFFICE	SEABEAM 2112, SEABEAM 1180 (2 systems)	2007
NIRUPAK	NAVAL HYDROGRAPHIC OFFICE	SEABEAM 1185	1999, 2003
SAGAR KANYA	NAT INSTI OCEANOGR./NATL CTR ANTARC OCEANOGR RESEARCH	SEABEAM 3012 (repl. Atlas Hydrosweep DS-1989)	2008
SARVEKSHAK	NAVAL HYDROGRAPHIC OFFICE	SEABEAM 2112	2005
	EGS	GEOSWATH PLUS 125/250 kHz	1996
	EGS	GEOSWATH PLUS 125/500 kHz	2009
	EGS SURVEY	GEOSWATH PLUS 250/500 kHz	2009
	FUGRO SURVEY INDIA	GEOSWATH PLUS 125/250 kHz	2008
	GEOSTAR SURVEYS	GEOSWATH PLUS 250 kHz	2009
	INDOMER COASTAL HYDRAULICS PVT. LTD.	SEABEAM 1185	2008
	NATIONAL INSTITUTE OF OCEAN TECHNOLOGY	GEOSWATH PLUS 125/250 kHz	2006
	NATIONAL INSTITUTE OF OCEAN TECHNOLOGY	RESON SEABAT 8101-350	1996
GT 70 SURVEY VESSEL		SIMRAD EM-3002	2006
	PARADIP PORT TRUST (PPT)	SEABEAM 1185	2003
<b>INDONESIA:</b>			
BARUNA JAYA	BAKO SURTANAL (INDONESIA SURVEY CO)	SEABEAM 1050	1994
BARUNA JAYA I	BAKO SURTANAL (INDONESIA SURVEY CO)	SIMRAD EM-1000	1996
BARUNA JAYA I (SURVEY LAUNCH)	BAKO SURTANAL (INDONESIA SURVEY CO)	SIMRAD EM-950	1996
BARUNA JAYA II	BAKO SURTANAL (INDONESIA SURVEY CO)	SIMRAD EM-1000	1996
BARUNA JAYA II (SURVEY LAUNCH)	BAKO SURTANAL (INDONESIA SURVEY CO)	SIMRAD EM-950	1996
BARUNA JAYA III	BAKO SURTANAL (INDONESIA SURVEY CO)	SIMRAD EM-12 (DUAL)	1996
BARYUNA JAYA IV	BAKO SURTANAL (INDONESIA SURVEY CO)	SEABEAM 1050D	2006
BARUNA JAYA VII	BAKO SURTANAL (INDONESIA SURVEY CO)	SIMRAD EM-1000	1997
BARUNA JAYA VII (SURVEY LAUNCH)	BAKO SURTANAL (INDONESIA SURVEY CO)	SIMRAD EM-950	1997
BARUNA JAYA VIII	R&D CENTRE OF OCEANOLOGY	SIMRAD EM-950, EM-1000	1996, 1997
CINTA LAUT	DEPARTMEN KELAUTAN DAN PERIKANAN (DKP)	SIMRAD SM-2000 (TRITON ELICS HYDROSUITE)	2005
	P.T. ACERGY (formerly PT Komaritim)	GEOSWATH PLUS 125 kHz	2002
	P.T. ACERGY (formerly PT Komaritim)	GEOSWATH PLUS 125/250 kHz	2006
	P.T. CALMARINE	RESON SEABAT	
	P.T. CALMARINE	SEABEAM 1180	1999
	P.T. MAHAKARYA GEO SURVEY	SIMRAD EM-3002	2008
	P.T. SEASCAPE	GEOSWATH PLUS 250 kHz	2005
	STOLT COMEX OFFSHORE	GEOSWATH	
<b>IRELAND:</b>			
CORY STES	AGRI-FOOD AND BIOSCIENCES INSTITUTE	SIMRAD EM 3002	2008
	GEOLOGICAL SURVEY OF IRELAND	SIMRAD EM-3002D, SIMRAD EM-3002	2006, 2007
	MARINE INSTITUTE	SIMRAD EM-3002D	2006
<b>ISRAEL:</b>			
ETZIONA	IOLR Ltd / GEOLOGICAL SURVEY OF ISRAEL	SIMRAD EM-1002	2001
<b>ITALY:</b>			
ANTEO	ITALIAN NAVY - SUBMARINE RESCUE VESSEL	SIMRAD EM-1002	2004
ARETHUSA	ITALIAN NAVY HYDROGRAPHIC OFFICE	SIMRAD EM-300	2000
	SURVEY LAUNCH ITALIAN NAVY HYDROGRAPHIC OFFICE	SIMRAD EM 3000	2003
ECHO	DRAFINSUB SURVEY SRL	RESON SEABAT 8125	2004
GALATHEA	ITALIAN NAVY HYDROGRAPHIC OFFICE	SIMRAD EM-300	2000
	SURVEY LAUNCH ITALIAN NAVY HYDROGRAPHIC OFFICE	SIMRAD EM-3000	2003
GASPARINI	KONGSBERG MARITIME S.R.L.	SIMRAD EM-3002 (Portable)	2006
MAGNAGHI	ITALIAN HYDROGRAPHIC OFFICE	SEABEAM 1050 MK II upgrade	1998
	SURVEY LAUNCH ITALIAN HYDROGRAPHIC OFFICE	SIMRAD EM-3002	2009
	SURVEY LAUNCH ITALIAN HYDROGRAPHIC OFFICE	SEA SWATH INTERFEROMETER	2009
ODIN FINDER	GAS ASSISTANCE AND SERVICES (GAS)	SIMRAD EM-300, EM-3000	1999
OGS-EXPLORA	INST. NAZI. DI OCEANOGR. E DE GEOFIS. SPERIMENTALE - OGS	RESON SEABAT 8111, 8150	2002
RAVELLO	DIAMAR	?????	
RAIS	CENTRE OCEANLOGICO MEDITERRANEO (CEOM)	SIMRAD 3000	1997
TELIRI	ELLETRA	SIMRAD EM-12, SIMRAD 3000, SIMRAD EM-950	1996
TECHNO PESCA III	ISM-ANCONA	SIMRAD EM-3000, SIMRAD EM 3002	2001, 2005
THETIS	CNR ISTITUTO DI ACOUSTICA	RESON SEABAT 8111-ER	2001
	CABI CATTANEO NAVY	RESON 6012 (8 sys)	2000/2003
	CNR ANCONA	SIMRAD EM-3000	2000
	COASTAL CONSULTING EXPLORATION	SIMRAD EM-3002	2006
	COASTAL CONSULTING EXPLORATION	RESON SEABAT 8125	2000
	COMMUNICATION TECHNOLOGY SRL	ODOM ECHOSCAN	1999
	GAS ASSISTANCE AND SERVICES (GAS)	RESON SEABAT 8101, 8160, 9001	2001
	GEOLOGICAL ASSISTANCE AND SERVICE	SIMRAD EM-3000	1997
	GEOSYSTEM	RESON SEABAT 8125	2000
	GEPOMAR	RESON SEABAT 9001	1999
	ITALIAN NAVY HYDROGRAPIC OFFICE	SIMRAD EM-3000	2003
	INTERMARINE	SIMRAD EM-300 (2 systems)	1999
	INTERNATIONAL MARITIME ACADEMY-TRIESTE	ELAC BCC-180 kHz MkII (2 sys)	1997
	IMPRESUB	ELAC BCC-50 kHz Mk II upgrade	1997
	HYDRO SURVEY TEAM	SIMRAD EM-3000	2003
	"DEMO"	SUNRAD EM-3002	2007
	KONGSBERG MARITIME S.R.I.	RESON SEABAT 8125	2006
	MANTOVANI	RESON SEABAT	
	MARTECH SRL	RESON SEABAT	
	NAUTILUS SURVEY COMPANY	ELAC BCC Mk II -180 kHz	1997
	NORDEST RILIEV	SIMRAD EM-3000D, EM 300	1999
	PANGEA SRL	GEOSWATH PLUS 250 kHz	2007

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<b>JAPAN:</b>			
CHIBA-MARU (317t)	CHIBA PREFECTURE / FISH EXP.	FURUNO HS-200/II	1992
DAINISENSYU-MARU (18t)	AKITA PREF. FISH. RESEARCH & MGMT CTR	FURUNO HS-200/II	1991
ECHIGO-MARU (187t)	NIIGATA PREFECTURE / FISH EXP.	FURUNO HS-200/II	1996
FUKAE-MARU	KOBE UNIV.-MMA	FURUNO HS-100	1987
HAKUHO MARU	UNIV. TOKYO	SEABEAM 2120	1999
HAKUREI MARU II	MMA/DORDO	ATLAS HYDROSWEEP DS	1991
HAMASHIO	JAPAN COAST GUARD	RESON SEABAT 8101 (ER)	2000
HANAFUSA	JAMSTEC		
HAYASHIO	JAPAN COAST GUARD	RESON SEABAT 7101 (ER)	2009
ISESHIO	JAPAN COAST GUARD	RESON SEABAT 7101 (ER)	2009
ISOSHIO	JAPAN COAST GUARD	RESON SEABAT 8101 (ER)	2000
IWAKU MARU	FUKUSHIMA F.R.S.	ATLAS FANSWEEP 15	1999
IWATE-MARU	IWATE PREFECTURE	FURUNO HS-200/II	1990
IZU	JAPAN MARITIME SAFETY AGENCY	FURUNO HS-200/II	1996
KAIRES	JAMSTEC	SEABEAM 2112.004	1996
KAIUN-MARU (208t)	AOMORI PREFECTURE / FISH EXP.	FURUNO HS-200/II	1993
KAIYO	JAPAN COAST GUARD	SIMRAD EM-302	2007
KAIYO (SWATH HULL)	JAMSTEC	SEABEAM	1983
KAIYO-MARU (299t)	NIIGATA PREFECTURAL KAIYO HIGH SCHOOL	FURUNO HS-200/II	1994
KAYO-MARU II	NIPPON KAIYO CO., LTD	SIMRAD EM-710 (2° x 2°)	2006
KOTAKA-MARU (59t)	FISHERIES AGENCY / NANSEI REGION	FURUNO HS-200/II	1994
KOYO-MARU	NIPPON KAIYO CO., LTD	SIMRAD EM-710 (2° x 2°)	2006
KURUSHIMA	JAPAN COAST GUARD	RESON SEABAT 8101(ER)	2003
MEIYO	JAPAN COAST GUARD	SIMRAD 3M-302	2008
MIRAI	JAMSTEC	SEABEAM 2112.004	1996 (upgrade '99)
MIYAKO	TOKYO MET/FISH EXP.	FURUNO HS-100	1987
MOGAMI-MARU (98t)	YAMAGATA PREFECTURE / FISH EXP.	FURUNO HS-200/II	1991
MYOJIN-MARU NO. 8	FISHERIES AGENCY	FURUNO HS-100	
NATSUSHIMA (Shinkai 6500 mother ship)	JAMSTEC	SEABEAM 2000	
NOJIMA (829t)	JMSA (3rd REGION-YOKOHAMA)	FURUNO HS-100	1985
OJIKA (864t)	JMSA (2nd REGION)	FURUNO HS-200/II	1990
OKISHIO	JAPAN COAST GUARD	RESON SEABAT 7101 (ER)	2009
OSHIMA-MARU (226t)	OSHIMA NATL COLLEGE OF MARITIME TECHNOLOGY	FURUNO HS-200/II	1993
OYASHIO-MARU (178t)	HOKKAIDO PREFECTURE / FISH EXP.	FURUNO HS-200/II	1990
RISHIRI (969t)	JMSA (1st REGION-KUSHIRO)	FURUNO HS-100	1987
SATSUMA (1260t)	JMSA (10th REGION)	FURUNO HS-100	1996
SHIRASE (ICEBREAKER)	JAPAN COAST GUARD / JAPAN MARITIME SELF-DEFENSE FORCE	SEABEAM 3020	2006
SHOYO	JAPAN COAST GUARD	SEABEAM 2112	1997
SURVEY LAUNCH	JAPAN COAST GUARD	RESON SEABAT 9001S	1997
TAJIMA (140t)	HYOGO PREFECTURE / TANNBA FISH OFFICE	FURUNO HS-100	1988
TAKUYO	JAPAN COAST GUARD	SEABEAM 2112	1999
TANEICHI-MARU (33t)	IWATE PREFECTURE / TANEICHI HIGH SCHOOL	FURUNO HS-500	1989
TENYO	JAPAN COAST GUARD	SEABEAM 1180	2000
SURVEY LAUNCH	JAPAN COAST GUARD	RESON SEABAT 9001S, SEABAT 8125	1995, 2002
TONAN-MARU (174t)	OKINAWA PREFECTURE / FISH EXP.	FURUNO HS-200/II	1994
URUSHIMA (AUV)	JAMSTEC	RESON SEABAT 7125	
UZUSHIO	JAPAN COAST GUARD	RESON SEABAT 7101 (ER)	2009
WAKATAKA-MARU (692t)	FISHERIES AGENCY / TOHOKU REGION	FURUNO HS-200/II	1994
YOKOSUKA (4500t)	JAMSTEC	FURUNO HS-10, SEABEAM 2112	1989, 1999
YOSYU (60t)	EHIME PREFECTURE	FURUNO HS-100	1985
08 AGS	JMSDF	SEABEAM 2112.004	1997
AGS 19	JMSDF	SEABEAM 3012	2008
	4th PORT CONSTRUCTION BUREAU	RESON SEABAT 8124	1999
	AERO ASAHI CORPORATION	GEOSWATH PLUS 125 & 250 kHz	2009
	AERO ASAHI CORPORATION	RESON SEABAT 9001S-350	1996
	AKITA FISHERIES RESEARCH STATION	RESON SEABAT 8101-300	1997
	DISASTER PREVENTION RES. INST. / KYOTO UNIVERSITY	FURUNO HS-500/II	1991
	EHIME UNIVERSITY	RESON SEABAT 8101	2000
	ENGINEERING INSTITUTE	ATLAS FANSWEEP-10	1983
	FUYO MARINE DEVELOPMENT	RESON SEABAT 8101 (ER)	1999
	GOYO CORPORATION	RESON SEABAT 9001S	1999
	JAMSTEC	FURUNO HS-200	1987
	JAPAN COAST GUARD	RESON SEABAT 9001S-350	1995
	JAPAN SELF DEFENSE AGENCY	RESON SEABAT 8101-300	1998
	KAGOSHIMA FISHERIES RESEARCH STATION	RESON SEABAT 9001S-350	1996
	KOKKUSAI KYOGO CO LTD.	SIMRAD EM-3000D	2000
	KOKUSAI AERIAL SURVEY	RESON SEABAT 9001S-350 (2 systems)	1996, 1999
	KOKUSAI MARINE ENGINEERING CORP.	RESON SEABAT 9001S-350	1995
	KUMAMOTO UNIVERSITY, CENTER FOR MARINE ENVIRONMENT STUDIES	GEOSWATH PLUS 125 & 250 kHz	2009
	NAT'L FEDERATION OF MEDIUM TRAWLERS	FURUNO HS-100	1988
	OCEAN ENGINEERING CORP.	RESON SEABAT 9001S-350 (3 systems)	1996, 1998, 1999
	PENTA-OCEAN CONSTRUCTION CO., LTD.	RESON SEABAT 9001	1996
	PORT OF TOKYO	RESON SEABAT 8125	2005
	SANYO TECHNO MARINE, INC.	RESON SEABAT 9001S-350 (2 systems)	1995/1997
	SHIZUOKA FISHERIES RESEARCH STATION	RESON SEABAT 9001S-350	1994
	SINKO CONSTRUCTION CO., LTD.	RESON SEABAT 9001S-350	1996
	SURVEY ENGINEERING ANALYSIS (SEA) PLUS	GEOSWATH PLUS 250 kHz	2009
	TAISEI CONSTRUCTION CO., LTD.	FURUNO HS-500	1987
	TOA CORPORATION	RESON SEABAT 9001S-350 (2 systems)	1995
	TOTTORI FISHERIES RESEARCH STATION	RESON SEABAT 8101-300	1997
	TOYO CORPORATION	RESON SEABAT 9001S-350	1994
<b>KUWAIT</b>			
CATADAN	AL SABAH MARINE COMPANY	ATLAS FANSWEEP-15	2003
<b>LATVIA</b>			
	FREE PORT OF VENTSPILS AUTHORITY	RESON SEABAT	
	MARITIME ADMINISTRATION OF LATVIA	RESON SEABAT	
<b>LIBYA</b>			
	HYDRIGRAPHIC SERVICE-LIBYAN NAVY	GEOSWATH PLUS 250 kHz	2007
<b>LITHUANIA</b>			
VARUNA	KLAIPEDA STATE SEAPORT AUTHORITY	SEABEAM 1185 (2 systems)	2003
	KLAIPEDA STATE SEAPORT AUTHORITY	ELAC BCC-180 KHz	1995

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<b>MALAYSIA:</b>			
K.D. MUTIARA	ROYAL MALAYSIAN NAVY	ATLAS HYDROSWEEP MD-2 / 30kHz	2003
K.D. PERANTAU	ROYAL MALAYSIAN NAVY	ATLAS HYDROSWEEP MD-2	1997
PLUTO (Perantau Survey Launch 124)	ROYAL MALAYSIAN NAVY	ATLAS FANSWEEP 20-100	1997
UTARID (Perantau Survey Launch 123)	ROYAL MALAYSIAN NAVY	ATLAS FANSWEEP 20-100	1998
TEKNIK GLORA	TL GEOHYDROGRAPHICS SDN BHD	SIMRAD EM-1002	2000
TEKNIK KEMBARA	TL GEOHYDROGRAPHICS SDN BHD	SUBMETRIX ISIS 300	
TEKNIK PUTRA	TL GEOHYDROGRAPHICS SDN BHD	SIMRAD EM-3000	2001
	JURUKUR TEGUH (M) SDN BHD	ODOM ECHOSCAN	1999
	MINISTRY OF TRANSPORT - MARINE DEPT, SARAWAK	GEOSWATH PLUS 125 KHz, GEOSWATH PLUS 250 KHz	2001
(Portable)	MARINE DEPARTMENT PENINSULAR MALAYSIA	SIMRAD EM-3000D	2002
	SARAWAK SLIPWAYS	GEOSWATH PLUS 250 KHz	2004
<b>MALTA</b>			
FRES	ALEXANDER NAVIGATION CO LTD	SIMRAD EM-120 / EM-1002	2000
<b>MEXICO</b>			
SHOGUN	SEAPROD S.A. DE C.V.	RESON SEABAT 9001	2000
TUXPAN	MEXICAN NAVY	SIMRAD EM-1002	2006
	PORTABLE MEXICAN NAVY	ODOM ES-3	
<b>NATO:</b>			
ALLIANCE	SACLANTCEN-LA SPEZIA	ATLAS HYDROSWEEP MD	1990
ALLIANCE	SACLANTCEN-LA SPEZIA	SIMRAD EM 3000	1997
	SACLANTCEN-LA SPEZIA	RESON SEABAT	
<b>NETHERLANDS:</b>			
ANS	BOSKALIS	SIMRAD EM-3000	1998
ARCA	RIJKSWATERSTAAT NORDZEE	SIMRAD EM-3000 (DUAL)	1997
BLOMMENDAL	RIJKSWATERSTAAT	BATHYSCAN 300	
BNR 1640	GEOPLUS BV	SIMRAD EM-2040	2010
CHR. BRUNINGS	RIJKSWATERSTAAT	SIMRAD EM-100	1989
CYGNUS	RIJKSWATERSTAAT / ZUID-HOLLAND	ATLAS FANSWEEP 20-200	1998
BURSKYES-	VAN OORD (fallpipe)	BATHYSCAN 300	
EUROWERKEN	PORT OF ROTTERDAM	ATLAS FANSWEEP-20-200	1996
FAIRWAY	BOSKALIS	SIMRAD EM-3000	1997
GEO EXPLORER	GEOPLUS	SIMRAD EM 3002, EM-3001D	2005, 2007
GEOSOLUTION	GEO PLUS BV	SIMRAD EM-300D	2009
HOUTVLIET	RIJKSWATERSTAAT	SIMRAD EM-3000 D	1997
JACKY	BOSKALIS	SIMRAD EM-3000	1997
HNLMS LUYMES	ROYAL NETHERLANDS NAVY	SIMRAD EM-3000D	2004
MARGO	BOSKALIS	SIMRAD EM-3000	1996
SV MARKERMEER	RIJKSWATERSTAAT (IJSELMEER)	GEOSWATH PLUS 250 kHz	2009
OCTANS	RIJKSWATERSTAAT	SIMRAD EM-950	1993
PAVO	RIJKSWATERSTAAT / ZUID-HOLLAND	ATLAS FANSWEEP 10, FANSWEEP 20	1994
PELAGIA	ROYAL NETHERLANDS INSTITUTE FOR SEA RESEACH	SIMRAD EM-300 1X2, EM-710, EM-3002	2007, 2008
QUEEN OF THE NETHERLANDS	BOSKALIS	SIMRAD EM-3000D	1997
ROTTERDAM	RIJKSWATERSTAAT / NORDZEE	SIMRAD EM-3000	2002
SEAHORSE	ROCKWATER	SIMRAD EM-3000	1998
S/V SIEGE	RIJKSWATERSTAAT (WADDENZEE)	GEOSWATH PLUS 250 kHz	2009
HNLMS SNELLIUS	ROYAL NETHERLANDS NAVY	SIMRAD EM-3000D	2003
S/V SPEURDER	RIJKSWATERSTAAT (MAAS RIVER AND CANALS)	GEOSWATH PLUS 250 kHz	2009
TERTNES	VAN OORD (fallpipe)	RESON SEABAT 8125	2002
TROLLNES	RIJKSWATERSTAAT	RESON SEABAT 9001	
WIJTVLIET	RIJKSWATERSTAAT / ZEELAND	SIMRAD EM-950 (hull unit), EM-1002	1993, 1999
	SURVEY LAUNCHES ROYAL NETHERLANDS NAVY	SIMRAD EM 3002D (2 systems)	2008
	SURVEY LAUNCHES ROYAL NETHERLANDS NAVY	SIMRAD EM-3002 (3 systems)	2006
	ALLSEAS BV	RESON SEABAT	
	PIPELAY VESSEL BAAKER SLIEDRECHT / SUBSEA 7	SIMRAD EM-1002 (2 systems)	2007
	BAARS-CIPRO	GEOSWATH PLUS 250 kHz	2006
	BALLAST NEDAM DREDGING	RESON SEABAT	
	BOSKALIS	SIMRAD EM-3000 (2 systems)	1996, 1997
	BOSKALIS	SIMRAD EM-3000S, SIMRAD EM-1002	2000, 2002
	DAMEN DREDGING	GEOSWATH PLUS 250 kHz	2009
RESEARCH VESSEL	DAMEN SHIPYARD	SIMRAD EM-3002 (2 systems)	2006
	DREDGING INTERNATIONAL	RESON SEABAT	
	AUV FUGRO	SIMRAD EM-2000	2006
	GEOCOM BV	RESON SEABAT	
	GEO PLUS BV	SIMRAD EM 3002D (4 systems)	2008, 2009
	HAM DREDGING	RESON SEABAT 8101	1997
	HAM DREDGING	RESON SEABAT 9001-350 (2 systems)	1999
	HEUVELMAN-IBIS	GEOSWATH PLUS 250 kHz	2007
	KONGSBERG MARITIME HOLLAND BV	SIMRAD EM-3002 (3 systems)	2007
	K. KRAL AND ZONEN BV	RESON SEABAT 8101	2006
	PIPELAY VESSEL KROON BAKKER / SUBSEA 7	SIMRAD EM-1002 (2 systems)	2006
	NeSA	RESON SEABAT 9001-350 (5 systems)	
	NeSA	RESON SEABAT 9003-350	
	NeSA	RESON SEABAT 8101-300 (2 systems)	
	NeSA	RESON SEABAT 8125 (4 systems)	1999
	OCEONICS INTERSITE BV	ATLAS FANSWEEP-10	1990
	QPS / QUALITY POSITIONING SYSTEMS	RESON SEABAT 8125	2002
	PORT OF ROTTERDAM	RESON SEABAT 8125	2006
	RIJKSWATERSTAAT	GEOSWATH PLUS 250 kHz	2006
	RIJKSWATERSTAAT	GEOSWATH PLUS 250 kHz	2009
	RIJKSWATERSTAAT-NOORD HOLLAND	RESON SEABAT 8125, 8101	1999, 2002
	SEATEAM BV	RESON SEABAT	
	TIDEWAY OFFSHORE AND MARINE CONTRACTORS	RESON SEABAT 9001-350	
	VAN OORD ACZ	RESON SEABAT 9001S-350 (4 systems)	
	VAN OORD ACZ	RESON SEABAT 8125 (5 systems)	2002
<b>NEW CALEDONIA (FRANCE)</b>			
	IRD.UMR GEOSCI AZURE LAB DE GEOL/GEOPHYSICS	SIMRAD EM -1002	2001
<b>NEW ZEALAND</b>			
SMB ADVENTURE	ROYAL NEW ZEALAND NAVY	ATLAS FANSWEEP 20-200	1999
HIMMS RESOLUTION	ROYAL NEW ZEALAND NAVY	ATLAS HYDROSWEEP MD-2/30	1999
TANGAROA (ex-OCEAN ALERT I C&C TECH-USA)	NiWA	SIMRAD EM-300	2001

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	BTW ASSOCIATES, LTD	RESON SEABAT	
<b>NIGERIA</b>			
	ANGUS SURVEYS	GEOSWATH PLUS 250 kHz	2010
	DIGITAL HORIZON	GEOSWATH PLUS 125 kHz	2009
	NIGERIA PORT AUTHORITY	GEOSWATH PLUS 125 kHz	2005
	WATERGATE TECHNICAL SERVICES	GEOSWATH PLUS 250 kHz	2010
<b>NORWAY:</b>			
ACERGY VIKING	ACERGY AS	SIMRAD EM-710 0.5° X 1° (2 systems)	2007
ARGUS ROV	ARGUS SURVEY	SIMRAD EM-3000	2001
BERGEN SURVEYOR	STOLT-NIELSEN NORWAY	SIMRAD EM-100	1988
BIRKELAND	FUGRO SURVEY A/S	SIMRAD EM-710 0.5° x 1°	2007
CONCAT (CATAMARAN)	ARGUS SURVEY A/S	SIMRAD EM-3000D	2003
DIV. "U"	FORSVARETS FORSKNINGINSTITUTT	SIMRAD EM-100	1989
DPI SKAN DI	DEEP OCEAN A/S-DPII	SIMRAD EM-710	2008
FALCON	ACERGY AS	SIMRAD EM=3002D	2006
GEOGRAF II	GEOCONSULT A/S	SIMRAD EM-100, EM-1000, SBP 120	1987, 1991, 2007
GEOGRAF II	GEOCONSULT A/S	SIMRAD EM-122 1° X 2°, SIMRAD EM-710 (2 systems)	2006, 2007
GEOFJORD	GEOCONSULT A/S	SIMRAD EM-100, EM 300 (1° system)	1986/1997
GEOFJORD	GEOCONSULT A/S	RESON 8125	2001
GEOMASTER	GEOCONSULT A/S	SIMRAD EM-1000	1992
GEO PROSPECTOR	FUGRO-GEOTEAM A/S	SIMRAD EM-300	1996
ECHO SURVEYOR (HUGIN 3000) AUV	FUGRO-GEOTEAM A/S	SIMRAD SM-2000	2005
GEO SCANNER	FUGRO GEODETIC / GEOTEAM	SIMRAD EM-1000, EM-1002	1993, 1999
GEOSUND	GEOCONSULT A/S	SIMRAD EM-710 0.5° X 1°	2007
GEO SURVEYOR	STOLT COMEX SEAWAY	SIMRAD EM 300 (1° sys), EM-3000	1997
FALCON	ACERGY AS	SIMRAD EM-3002D	2006
HUGIN 1 (AUV)	KONGSBERG SIMRAD / FORSVARETS FORSKNINGINSTITUTT	SIMRAD EM-3000 (2)	1996, 2002
HUGIN 1000 (AUV)	FORSVARETS FORSKNINGINSTITUTT	SIMRAD EM ?	2007
HUGIN 1000 (AUV)	ROYAL NORWEGIAN NAVY	SIMRAD EM-3000	2004, 2005 (2 systems)
HUGIN 3000 GC (AUV)	GEOCONSULT A/S	SIMRAD EM-2000	2002
HYDROGRAF	NORWEGIAN MAPPING AUTHORITY	SIMRAD EM-710	2008
HYLSFJORD	BLOM A/S	SIMRAD EM-950, EM-3000	1993, 1998
ICE KING	ICE KING A/S	SIMRAD EM-100	
JAN MAYEN	UNIVERSITETET I TROMSOE	SIMRAD EM-300 (1° X 2°)	2004
LANCE	NORWEGIAN HYDROGRAPHIC SERVICE	SIMRAD EM-100	1987
DR FRIJTHOF NANSEN	INSTITUTE FOR MARINE RESEARCH-BERGEN / NORAD/UNDP/FAO	SIMRAD EM-710 1° X 2°	2007
NORDKABEL	BLOM A/S	SIMRAD EM-1002 (with hull unit)	1999
NORTH SEA SURVEYOR	STOLT-NIELSEN NORWAY	SIMRAD EM-100	
NUI EXPLORER (AUV)	NORWEGIAN UNDERWATER INTERVENTION	SIMRAD EM-3000	2002
ODIN-FINDER	FORSVARETS FORSKNINGINSTITUTT	SIMRAD EM-100 (sold to Italy-GAS)	
G. O. SARS	UNIVERSITETET I BERGEN / INSTITUTE OF MARINE RESEARCH	SIMRAD EM-300 (1° X 2°), EM 1002, SM-2000	2002, 2003, 2004
PING	GEOSUBSEA A/S	TELEDYNE HYDROGRAPHIC ODOM E-23	2008
POLAR BJORN	ACERGY A/S	SIMRAD EM-3002D	2006
G. O. SARS	UNIVERSITETET I BERGEN / INSTITUTE OF MARINE RESEARCH	SIMRAD ME-70 (BIOLOGICS MBES)	2002
SEAWAY PETREL	ACERGY AS	SIMRAD EM-3002D, SIMRAD EM-710 (0.5° X 1°)	2006, 2007
SEAWAY SURVEYOR	STOLT COMEX SEAWAY	SIMRAD EM -300 (2°X2°)	1996
SEISMA	GEOLOGICAL SURVEY OF NORWAY	GEOSWATH PLUS 125 kHz	2005
SIMRAD	SIMRAD SUBSEA	SIMRAD EM-1000	1991
SIMRAD ECHO	SIMRAD SUBSEA	SIMRAD EM-950	1994
SJØFALK	NORWEGIAN HYDROGRAPHIC SERVICE	SIMRAD EM-3002D	2005
SJØTROLL	NORWEGIAN HYDROGRAPHIC SERVICE	SIMRAD EM-3000D	1999
H. U. SVERDRUP II	FORSVARETS FORSKNINGINSTITUTT	SIMRAD EM-100, EM-1002, SIMRAD EM-710	1989, 2000, 2007
KNM TYR	FLO/M	SIMRAD EM 710 - 1° X 2°	2007
ULA CLASS (SUBMARINE)	FORSVARETS FORSKNINGINSTITUTT	SIMRAD EM 3000 / 3002	2004
VIKING	ACERGY A/S	SIMRAD EM-710 (0.5 X 1°)	2007
VITA	ARGUS SURVEY	DYNAMIC POSITIONING, MBS ON DEMAND	
XPLORES	KONGSBERG SIMRAD	SIMRAD EM 3002D (demo system)	
	ALCATEL CABLE A/S	RESON SEABAT	
	ARGUS SUBSEA	SIMRAD EM-1002, EM-3002D, EM-2000	2004
	CONOCO-NORWAY	RESON SEABAT	
	DEEP OCEAN A/S-DPII	RESON SEABAT 8111	2000
	DEEP OCEAN A/S-DPII	RESON SEABAT 8125 (3 sys.-HIROV 3000)	2000
	DOF SUBSEA NORWAY	SIMRAD EM-710	2008
	ELF AQUATINE-NORWAY	RESON SEABAT	
	FORSVARETS FORSKNINGINSTITUTT	SIMRAD EM-1002 (with hull unit)	1999
	FUGRO A/S	SIMRAD EM-710	2006
	FUGRO GEOTEAM AS	GEOSEATH PLUS 250kHz	2006
	GEOCONSULT A/S	ATLAS FANSWEEP-10	1990
	GEOCONSULT A/S	SIMRAD EM-3000 (DUAL)	1997, 2001
	GEOCONSULT A/S	SIMRAD EM-710 0.5° X 1°	2007
	GEOCONSULT A/S	RESON SEABAT	
	GEOFINMARK A/S	ODOM ECHOSCAN	2004
	GEOTEAM	RESON SEABAT	
	KNM FLO/SJØ	SIMRAD EM-3002	2006
	MAERSK OLJE & GAS	RESON SEABAT	
	NAVTEK AS	SIMRAD EM-300 (2° system), EM-3002	2005
	NORSK SHELL	RESON SEABAT	
	SEASCAN	GEOSWATH PLUS 250kHz	2007
	SKANSKA NORGE	SIMRAD-EM 3000	2006
	STATOIL	RESON SEABAT	
	STOLT-COMEX SEAWAY	SIMRAD EM-3000 (DUAL)	1996
	STOLT-COMEX SEAWAY	SIMRAD EM-3000D	1999
	STOLT-COMEX SEAWAY	RESON SEABAT	
	TROMSO UNIVERSITY	RESON SEABAT	
	WESTMINSTER OFFSHORE	RESON SEABAT 9001-350 (2 systems)	
<b>OMAN</b>			
AL MABRUKAH	ROYAL NAVY OF OMAN	SIMRAD EM-1002	2001
AL SEEB		SIMRAD EM-300D,	2007
		SIMRAD SIMRAD EM-710 1°X2°	2011-planned
<b>PAKISTAN</b>			
BEHR PAIMA	PAKISTAN HYDROGRAPHIC DEPARTMENT	RESON SEABAT 8101	2003
BEHR PAIMA (Survey launch)	PAKISTAN HYDROGRAPHIC DEPARTMENT	RESON SEABAT 8102	2000



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<b>PANAMA</b>			
	PANAMA CANAL COMMISSION	ODOM ECHOSCAN (2 systems)	1998
<b>PARAGUAY</b>			
	TRANSBARGEE NAVEGACION SA	SEABEAM 1185	2003
<b>PERU</b>			
IMARPE III (HYDROGRAPHIC LAUNCH)	PERU NAVY - HYDROGRAPHIC OFFICE (DHN)	SIMRAD EM-3002	20089
LA MANCHA	PERU NAVY - HYDROGRAPHIC OFFICE (DHN)	ATLAS FANSWEEP-20-100	2000
<b>PHILIPPINES</b>			
PRESBITERO	NAT'L MAPPING & RESOURCE INFO AUTH-DENR	SEABEAM 2112.360	1997
VENTURA	NAT'L MAPPING & RESOURCE INFO AUTH-DENR	SEABEAM 2112.360	1997
	NAT'L MAPPING & RESOURCE INFO AUTH-DENR	SEABEAM 1180 Mk II upgrade (2 sys)	1997
	NAT'L MAPPING & RESOURCE INFO AUTH-DENR	ELAC BCC II 180kHz	1997
<b>POLAND:</b>			
ANIA	PORT OF GDANSK	SIMRAD EM-3000	1995
DOKTOR LUBECKI	MARITIME INSTITUTE-GDANSK	RESON SEABAT 9001	1996
HORYZONT II	MARITIME ACADEMY	SEABEAM 1180	2007
HYDROGRAPHER 10	HYDROGRAPHIC INSTITUTE / GDYNIA	ATLAS FANSWEEP-10	1994
NAVIGATOR 21	UNIVERSITY OF SCZECZIN	SEABEAM 1180	1998
PARNICA	URZAD MORZKI W GDYNI	ATLAS FANSWEEP-20	1998
	MARITIME OFFICE - STETTIN	SIMRAD EM-3000	1997
	MARITIME UNIVERSITY-SZCZECIN	GEOSWATH PLUS 250 kHz	2009
<b>PORTUGAL:</b>			
R/V ALMIRANTE GAGO COUNTINHO	PORTUGUESE NAVY-INSTITUTO HIDROGRAFICO (IHPT)	SIMRAD EM-120 2X2, SIMRAD EM-710	2006
GORAL	INSTITUTO HIDROGRAFICO (IHPT)	SIMRAD EM-950	1995
DOM CARLOS I	PORTUGUESE NAVY-INSTITUTO HIDROGRAFICO (IHPT)	SIMRAD EM-120	2001
LULA	RESEARCH INSTITUT REBIKOFF-NIGGELER	SEABEAM 1050	2007
	PORTUGUESE NAVY-INSTITUTO HIDROGRAFICO (IHPT)	SIMRAD EM-3002 (2 systems)	2004, 2006
<b>QATAR</b>			
	URBAN PLANNING DEVELOPMENT AGENCY [UPDA]-HYDROG DEPT	SIMRAD EM 3002	2007
<b>ROMANIA</b>			
ANGHEL SALIGNY	PORT OF CONSTANZA AUTHORITY	ATLAS FANSWEEP -20-200	1997
MARE NIGRUM	UNIVERSITY GEOECOMAR	SEABEAM 1050D	2004
CATUNEANU	MARITIME HYDROGRAPHIC DIRECTORATE	SIMRAD EM-3000	2007
CATUNEANU 2	MARITIME HYDROGRAPHIC DIRECTORATE	SIMRAD EM-3002	2008
	SHARK SRL	RESON SEABAT 7125	2010
<b>RUSSIA:</b>			
AKADAMICIAN IOFFE	INSTITUTE OF ACOUSTICS-RAS	HOLLMING EKHOS XD	1989
AKADAMICIAN M.A. LAVRENTYEV	RUSSIAN ACADEMY OF SCIENCES	HOLLMING EKHOS II	
R/V DMITRY MENDELEEV	P.P. SHIRSHOV INSTITUTE OF OCEANOLOGY-RAS	HOLLMING EKHOS MD	
AKADAMIK BORIS PETROV	V.I. VERNADSKY INSTITUTE OF GEOCHEMISTRY-RAS	ATLAS HYDROSWEET DS-2	2003
AKADAMICIAN NIKOLAY STRAKHOV	P.P. SHIRSHOV INSTITUTE OF OCEANOLOGY-RAS	HOLLMING EKHOS II	
AKADAMICIAN NIKOLAY STRAKHOV	P.P. SHIRSHOV INSTITUTE OF OCEANOLOGY-RAS	RESON SEABAT 8150	2005
AKADAMICIAN SERGEI VAVILOV	INSTITUTE OF ACOUSTICS-RAS	HOLLMING EKHOS XD	1989
ECARMA	POSEIDON	SIMRAD EM-1000	1996
GELENDZHEK	RUSSIAN CENT. MAR. GEOL. & GEOPHYS. EXPED.	SIMRAD EM-12	1995
PETER KOTTISOV	RUSSIAN HYDRO OFFICE / (Long term lease to Racal, UK)	SIMRAD EM-12S, ELAC BCC Mk II	1990, 1998
SURVEY FAVORIT	PTF VOZROZHDENIYE LTD	SIMRAD EM-3002	2006
GS 525	MINISTRY OF DEFENCE	ATLAS FANSWEEP 20-200	1998
TBD-(ICEBREAKER)	ROSHYDROMET	SEABEAM 3020	2010
	AMIGE (ARCTIC MARINE ENG. GEOLOGICAL EXPEDITIONO	RESON SEABAT	
	CORRECT MARINE	SEABEAM 1180	2002
	<b>AUV FAR EAST BRANCH, RUSSIAN ACADEMY OF SCIENCES</b>	<b>GEOSWATH PLUS AUV 500 kHz</b>	<b>2010</b>
	HYDRO C	SIMRAD EM-3000	2006
	LTD. "SEVZAPHIDROPROSPEKT"	RESON SEABAT	
	PETROSLAV HYDROSERVICE	SIMRAD EM-3000	2006
	PORT AUTHORITY-KALININGRAD	SIMRAD EM-3000	1997
	PORT AUTHORITY-SANKT PETERBURG "ROSMORPORT"	SIMRAD EM-3000	1997
	ROMONA J/S RUSSIAN MARINE POSITIONING & SURVEY CO	RESON SEABAT	
	STATE HYDROGRAPHIC DEPT, RUSSIAN MIN. OF TRANSPORT	RESON SEABAT	
	TECHNOPOLE CO.- OCEANOGRAPHIC & SONAR EQUIPMENT	RESON SEABAT	
	YUZHMOREGEOLOGIYA	SIMRAD EM-3000D	2001
<b>SAUDI ARABIA:</b>			
KARAN 8	ARAMCO	SIMRAD EM-1000	1994
SURVEYOR 1	SAUDI PORTS AUTHORITY	RESON SEABAT 8125	2007
	ARABIAN OIL COMPANY	RESON SEABAT	
	ARAMCO	RESON SEABAT 9001S-350 (2 systems)	
	JAN DE NUL	GEOSWATH PLUS 250 kHz	2008
	HUTA MARINE WORKS LTD	SMRAD EM 3002	2007
	MacARTNEY A/S	RESON SEABAT	
<b>SENEGAL</b>			
	PORT AUTONOME DE DAKAR	SIMRAD EM-3002	2007
<b>SINGAPORE:</b>			
SEA WIND	FUGRO GEODETIC PTE LTD	SIMRAD EM-950	1994
SIMRAD ECHO	KONGSBERG SIMRAD ASIA PTE, LTD	SIMRAD EM-950, EM-3000	1994, 1997
SINGAORA	FUGRO GEODETIC PTE LTD	SIMRAD EM-1002	2002
TEKNIK PERDANA	TL GEOHYDROGRAPHICS	SIMRAD EM-120, EM-1002	2000
	ASHTeAD TECHNOLOGY S.E. ASIA	GEOSWATH	
	ASHTeAD TECHNOLOGY S.E. ASIA	RESON SEABAT 9001-350 (2 systems)	
	ASHTeAD TECHNOLOGY S.E. ASIA	RESON SEABAT 9001-800	
	ASHTeAD TECHNOLOGY S.E. ASIA	RESON SEABAT 8101, SEABAT 6012	
	DRAGON & ELEPHANT ENTERPRISES	SIMRAD EM-302 2" X 2"	2007
	FUGRO SINGAPORE	GEOSWATH PLUS 125 kHz	2001
	FUGRO SURVEY PTE LTD.	SIMRAD EM-3002	2007

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	HYDRONAV	GEOSWATH PLUS 250 kHz	2008
	HYDRONAV	TRITON-ELICS HYDROSUITE	2001
3000M Towfish	SEATRONICS PTE LTD	SIMRAD EM-2000	2002
<b>SLOVENIA</b>			
LYRA (KP 5058)	HARPHA SEA d.o.o., Koper	RESON SEABAT 8125	2006
NM450 (KP4149)	HARPHA SEA d.o.o., Koper	R2SONIC 2022	2009
<b>SOUTH AFRICA:</b>			
GEO MANZI	MGU-COUNCIL FOR GEOSCIENCE	RESON SEABAT 7125	2008
NAMAKWA	TRANS HEX GROUP	RESON SEABAT 8125	2002
NHC SURVEYOR		RESON SEABAT 8125	2003
IVAN PRINCEP	TRANS HEX GROUP	RESON SEABAT 8125	2001
PROTEA	RSA NAVY-HYDROGRAPHIC DEPARTMENT	ATLAS HYDROSWEPT MD	1993
	DE BEERS MINING	RESON SEABAT	
	MARINE GEOSOLUTIONS (PTY) LTD.	RESON SEABAT 7101	2010
	SAKAWA MINING CORPORATION	SEA SWATHplus-ML	2004
	UNDERWATER SURVEYS	RESON SEABAT	
<b>SOUTH KOREA</b>			
BADARO 1	KOREAN HYDROGRAPHIC AND OCEANOGRAPHIC ADMINISTRATION (KHOA)	SIMRAD EM-300/E,-3000	2002
BORARO 2	KOREAN HYDROGRAPHIC AND OCEANOGRAPHIC ADMINISTRATION (KHOA)	SIMRAD EM-3002	2009
DONG HAE RO	KOREAN HYDROGRAPHIC AND OCEANOGRAPHIC ADMINISTRATION (KHOA)	SIMRAD EM-3000	1997
EARDO	KOREA RESEARCH AND DEVELOPMENT INSTITUTE (KORDI)	SIMRAD EM-120	2005
HAE YANG 2000	KOREAN HYDROGRAPHIC AND OCEANOGRAPHIC ADMINISTRATION (KHOA)	RESON SEABAT 7125	2007
HWANG HAE RO	KOREAN HYDROGRAPHIC AND OCEANOGRAPHIC ADMINISTRATION (KHOA)	SIMRAD EM-3002	2006
JANGMOKHO	KOREA RESEARCH AND DEVELOPMENT INSTITUTE (KORDI)	SIMRAD EM-3002	2005
NAM HAE RO	KOREAN HYDROGRAPHIC AND OCEANOGRAPHIC ADMINISTRATION (KHOA)	SIMRAD EM-3000D	1998
ONNURI	KOREA RESEARCH AND DEVELOPMENT INSTITUTE (KORDI)	SIMRAD 3M-710	1992
TAMHAE II	KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESEOURCES (KIGAM)	SIMRAD EM-12, EM-950	1996
	CHUNG-ANG AEROSURVEY	SIMRAD EM-3002	2006
	HYUNDAI I.C.T.	RESON SEABAT	
	OCEAN SPACE INFORMATION TECHNOLOGY CO., LTD	SIMRAD EM-3000	2006
	OCEAN SPACE INFORMATION TECHNOLOGY CO., LTD	SIMRAD EM-3002	
	KOREA RESEARCH AND DEVELOPMENT INSTITUTE (KORDI)	RESON SEABAT 8124	2003
	KOREA RESEARCH AND DEVELOPMENT INSTITUTE (KORDI)	RESON SEABAT 9001	2004
	KOREA RESEARCH AND DEVELOPMENT INSTITUTE (KORDI)	RESON SEABAT 7125	2006
	KOREA RESEARCH AND DEVELOPMENT INSTITUTE (KORDI)	SIMRAD EM-3002	2005
<b>SPAIN:</b>			
ASTROLABIO (SURVEY LAUNCH)	INSTITUTO HIDROGRAFICO DE LA MARINA (IHM)-CADIZ	SIMRAD EM 3002D	2006
GARCIA DEL CID	UTM-BARCELONA	SEABEAM 1050D (DUAL SYSTEM)	2006
ESCAESCANDALLO (SURVEY LAUNCH)	INSTITUTO HIDROGRAFICO DE LA MARINA (IHM)-CADIZ	SIMRAD EM 3002D	2004
E. EVA	ECOMETRIA (ISLAS CANARIAS)	RESON SEABAT 8160	2005
HESPERIDES	CONSEJO SUPERIOR DE INVESTIGACIONES CEINTIFICOS	SIMRAD EM-120 (1X2), EM-1002 (upgrade)	2003
LUERNA	BARCELONA UNIVERSITY	SIMRAD EM-3002	2005
H/V MALASPINA	INSTITUTO HIDROGRAFICO DE LA MARINA (IHM)-SPANISH NAVY	SIMRAD EM 302 1*X 2°	2007
MAPA 70	SECRETARIA GENERAL DE PESCA	SIMRAD EM-302	2006
MIGUEL OLIVERA	IEO	SIMRAD EM 302 1*X 2°	2007
ORIOI	PORT AUTHORITY OF BARCELONA	SEABEAM 1185	2006
RIGEL	IHM-SPAIN	SIMRAD EM-3000-	2000
SARMIENTO DE GAMBOA	SPANISH MARINE RESEARCH INSTITUTE	ATLAS HYDROSWEPT DS (2)	2007
H/V TOPIÑO	SPANISH NAVY - IHM	SIMRAD EM 300 1*X2°	2007
R/V VISCONDE DE EZA	IEO	SIMRAD EM-300, EM 3000D	1999
	ATZ/TECNALIA	RESON SEABAT 7125	2005
	ALATEC / ESGEMAR	SEABEAM 1185	2003
	CASTELLON HARBOR	RESON SEABAT	
	CEDEX	SEABEAM 1185	2005
	CENTRO DE INVESTIGACIONES SUBMARINAS S.L.	GEOSWATH PLUS 250 kHz	2004
	CONSEJO SUPERIOR DE INVESTIGACIONES CEINTIFICOS	SIMRAD EM-300	2000
	ESTUDIO ITAC S.L. - LAS PALMAS DE GRAN CANARIA	GEOSWATH	
	ECOMETRIA	SIMRAD EM-3000	2000
	GEOMYSA	RESON SEABAT 9001-350	
	GRANFINTA	SEABEAM 1185	2008
	IEO	SIMRAD EM-3000D, EM-3002	1999, 2007
	PROSERMAR INGENIERIA	GEOSWATH PLUS 250 kHz	2009
	PORT AUTHORITY OF BARCELONA	SEABEAM 1185	2005
	TOYSER - TOPOGRAFIA Y SERVICIOS SA	SEABEAM 1185	2003
<b>SWEDEN:</b>			
ALE (ICEBREAKER)	SWEDISH MARITIME ADMIN (SMA)	ELAC BCC-180-KHz- Mk II, SIMRAD EM-710 (Dual)	1998, 2005
FRANKLIN	MARIN MATTEKNIK AB	SIMRAD EM 710	2007
PETTER GEDDA	SWEDISH MARITIME ADMIN (SMA)	RESON SEABAT 7125	2009
GEOBALTIC (ex-Johan Hordennankar)	FUGRO	ELAC BCC-180-KHz-	
JACOB HAGG	SWEDISH MARITIME ADMIN (SMA)	simrad em -3002d	2006
ICE BEAM		SIMRAD EM-2000	2009
JOHAN MÅNSSON	SWEDISH MARITIME ADMIN (SMA)	RESON SEABAT 7125	2010
JOHAN NORDENANKAR (sold Fugro in '96)	SWEDISH MARITIME ADMIN (SMA)	ELAC BCC-180-KHz-	1996
MR. BEAM	MARIN MATTEKNIK	SIMRAD EM-950	1994
ODEN (ICEBREAKER)	SWEDISH MARITIME ADMIN (SMA)	SIMRAD EM-122 1*X1°	2007
NILS STRÖMCRONA	SWEDISH MARITIME ADMIN (SMA)	RESON SEABAT 8101	1998
M/S TRIAD	MARIN MATTEKNIK AB	SIMRAD EM-3002	2006
	Survey launch PING	SIMRAD EM-3002	2006
	MARIN MILJÖANALYS	SIMRAD EM-3002 (2 systems)	2007
	BOFORS UNDERWATER SYSTEMS AB	RESON SEABAT	
	FORSVARETS FORSKNINGSANSTALT	RESON SEABAT	
	GEOLOGICAL SURVEY OF SWEDEN (SGU)	GEOSWATH PLUS 250 kHz	2010
	MARIN MATTEKNIK AB	SIMRAD EM-3000D	2000
	MARIN MATTEKNIK AB	SIMRAD EM-1002	2000
	MARIN MATTEKNIK AB	SIMRAD EM-3002D (3 systems)	2008, 2009
	SWEDISH COAST GUARD (SJØFARTSVERKET)	SIMRAD EM-3002 (2 systems)	2007
	SWEDISH NAVY	RESON SEABAT	
<b>SWITZERLAND:</b>			
	ALLSEAS GROUP	RESON SEABAT 7125 (16 systems for UAVs)	2007, 2008

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<b>SYRIA</b>			
PALMYRA	GENERAL DIRECTORATE OF PORTS (GDP)	SIMRAD EM-1002	2005
<b>TAIWAN ROC:</b>			
TAKUAN	MINISTRY OF TRANSPORT & COMMUNICATION	SIMRAD EM-12(DUAL), EM-1000	1994
	DRAGON & ELEPHANT ENTERPRISE CO.	SIMRAD EM-710	2006
	NATIONAL TAIWAN UNIVERSITY	SEABEAM 1185	2007
	NATIONAL TAIWAN UNIVERSITY	RESON SEABAT 9001S-350	
	STRONG ENGINEERING	GEOSWATH PLUS 125 kHz	2004
	TAIWAN NAVY HYDROGRAPHIC OFFICE	SEABEAM 1180	2002
	TAIWAN OCEAN RESEARCH INSTITUTE-NTU	ATLAS HYDROSWEPT MD (2 systems)	2008
<b>THAILAND:</b>			
HTMS PHARUEHATSABODI	ROYAL THAI NAVY, HYDROGRAPHIC DEPARTMENT	RESON SEABAT 8101	2008
	SURVEY LAUNCH	ROYAL THAI NAVY, HYDROGRAPHIC DEPARTMENT	RESON SEABAT 8101
		ROYAL THAI NAVY, HYDROGRAPHIC DEPARTMENT	SEABEAM 1185
		ROYAL THAI NAVY, HYDROGRAPHIC DEPARTMENT	SIMRAD EM-3002D (3 SYSTEMS)
		UNOCAL THAILAND	GEOSWATH
<b>TUNISIA</b>			
VH ULYSSE	TUNISIAN NAVY HYDROGRAPIC AND OCEANOGRAPHIC CENTER (TNHOC)	RESON SEABAT 8101	2006
<b>TURKEY:</b>			
CESME (ex-USNS Silas Bent T-AGOR 26)	TURKISH NAVY, DEPT OF NAVIG, HYDROG & OCEANOGR.	SEABEAM 1050 (upgrade in 2001)	2001
	SURVEY LAUNCH	TURKISH NAVY, DEPT OF NAVIG, HYDROG & OCEANOGR.	SEABEAM 1180 (upgrade in 2001)
CUBUKLU	TURKISH NAVY, DEPT OF NAVIG, HYDROG & OCEANOGR.	SEABEAM 1050 D (DUAL FREQ)	1997 (upgrade)
MESAH 2	TURKISH NAVY, DEPT OF NAVIG, HYDROG & OCEANOGR.	SEABEAM 1180	2000
MTA	MINERAL RESEARCH & EXPLORATION INSTITUTE-MTA	SEABEAM 1050D (DUAL FREQUENCY)	2007
PIRI REIS	DOKUZ EYLUL UNIVERSITY-IZMIR	SEABEAM 1180, SEABEAM 1050 D (DUAL FREQUENCY)	2006, 2007
<b>UNITED ARAB EMIRATES:</b>			
ARGO CAPE	MARTIN MID EAST	RESON SEABAT 8125	2002
	GULF COBLA LLC / DUTCO LTD	RESON SEABAT 8101	2006
	SEATRONICS LTD	GEOSWATH	
	UAF CO.	ATLAS FANSWEEP 20-100	2004
	UNIQUE SYSTEMS FZE	SIMRAD EM 3000, SIMRAD EM-3002D	1999, 2007
<b>UNITED KINGDOM:</b>			
ANGLIAN SOVERIGN (TOW VESSEL)	UK MARITIME AND COASTGUARD AGENCY (MCA)	RESON SEABAT 7125	2005
AUTOSUB (AUV)	SOUTHAMPTON OCEANOGRAPHY CENTRE	SIMRAD EM-2000	2002
AUTOSUB (AUV)	HALLIBURTON SUBSEA	SIMRAD EM-2000	2002
CALATRIA	BRITISH GEOLOGICAL SURVEY	SIMRAD EM-3002D	2007
CONFIDENT	REID MARINE / GARDLINE SURVEYS LTD	SIMRAD EM-3000D, SIMRAD EM-3002	2004, 2006
JAMES COOK	NERC / SOUTHAMPTON OCEANOGR. CENTRE	SIMRAD EM-120 1X1, SIMRAD EM-710 2X2	2006
JAMES COOK	NERC / SOUTHAMPTON OCEANOGR. CENTRE	SIMRAD SBP 120 (3")	1
CHARLES DARWIN (RRS)	NERC / SOUTHAMPTON OCEANOGR. CENTRE	SIMRAD EM-12 S/120	1993
DISCOVERY (RRS)	NERC / SOUTHAMPTON OCEANOGR. CENTRE	GLORIA (system retired)	
HMS DRAKE	ROYAL NAVY	GEOSWATH PLUS 250 kHz	2004
EASTERN EXPLORER	RACAL SURVEY LTD	SEABEAM 1050 D upgraded 1998	1997
HMS ECHO	ROYAL NAVY / VOSPER THORNYCROFT (UK) LTD	SIMRAD EM-1002S	2001
	SURVEY motor boat "Pioneer"	ROYAL NAVY / VOSPER THORNYCROFT (UK) LTD	SIMRAD EM-3000
		FUGRO NV	SIMRAD EM-2000
ECHO SURVEYOR (HUGIN 3000 AUG)			2005
HMS ENDURANCE	ROYAL NAVY ICE PATROL	SIMRAD EM-710S	2005
HMS ENTERPRISE	ROYAL NAVY / VOSPER THORNYCROFT (UK) LTD	SIMRAD EM-1002, EM-3000	2001, 2003
	SURVEY motor boat "Pathfinder"	ROYAL NAVY / VOSPER THORNYCROFT (UK) LTD	SIMRAD EM-3000
FARNELLA	JOHN MARR SHIPPING	GLORIA (system retired)	Retired
FUGRO MERIDIAN	FUGRO SURVEY-ABERDEEN	SIMRAD EM-300 1*X1*	2003
FUGRO SEARCHER	FUGRO SURVEY-ABERDEEN	SIMRAD EM 3002, EM302	2010
GAVIA AUV (2 units)	NCS	GEOSWATH PLUS AUV 500 kHz (2 systems)	2009
GEO PROSPECTOR (Mother ship-Echo Surveyor)	FUGRO SURVEY-ABERDEEN	SIMRAD EM-300 1*X1*	2001
GEO SEARCHER	FUGRO-GEOTEAM LTD	SIMRAD EM-1000, upgrade to EM-1002	2001
GEO SURVEYOR	FUGRO-GEOTEAM LTD	SIMRAD EM-1000	1997
GLEANOR (HMSML) [MOTOR LAUNCH]	MINISTRY OF DEFENCE	ATLAS FANSWEEP-20-200	1997
S/V ISAMBARD BRUNEL	THE BRISTOL PORT AUTHORITY	RESON SEABAT 8101	2004
JEAN CHARCOT	FUGRO-GEOTEAM LTD	SIMRAD EM-12, EM-1000	1991/1992
L'ESPOIR	SWITZER LTD. / BRITSURVEY	ATLAS HYDROSWEPT DS-2, FANSWEEP-20-100	1984, 1998
L'ESPOIR	GARDLINE SURVEYS LTD	SIMRAD EM-710 (2*X2*), SIMRAD EM-122 (1*X2*)	2006
MAGELLAN	SWITZER LTD. / BRITSURVEY	ATLAS HYDROSWEPT MD-2	1994, 1997
MEDWAY SURVEYOR	MEDWAY PORT	GEOSWATH PLUS 500 kHz	2010
MERIDIAN	SWITZER LTD. / BRITSURVEY	ATLAS HYDROSWEPT MD-2	2000
MERCATOR	SWITZER LTD. / BRITSURVEY	ATLAS FANSWEEP-20-100	1996
NESBITT	MINISTRY OF DEFENCE	ATLAS FANSWEEP-20-200	1996
OCEAN SEEKER	GARDLINE SURVEYS LTD	SIMRAD EM-1002	2004
ORIENT EXPLORER	RACAL SURVEY LTD	SEABEAM 1050 D	1997
OWEN	MINISTRY OF DEFENCE	ATLAS FANSWEEP-20	1998
HMS ROEBUCK	ROYAL NAVY	SIMRAD EM-1002	2004
	SURVEY motor boat "Endurance"	ROYAL NAVY	SIMRAD EM-3000
		NERC / BRITISH ANTARCTIC SURVEY	SIMRAD EM-120 (1x1)
JAMES CLARK ROSS			2000
SCOTIAN SHORE	MARITIME SURVEYS LTD	RESON SEABAT 8160	2001
HMS SCOTT	ROYAL NAVY	SASS IV	1997
SEA EXPLORER	GARDLINE SURVEYS LTD	SIMRAD EM-1000	1996
SEA PROFILER	GARDLINE SURVEYS LTD	SIMRAD EM-1000	1996
SEA SURVEYOR	GARDLINE SURVEYS LTD	SIMRAD EM-12, EM-950,(retired 2008)	1999
SEA SURVEYOR	GARDLINE SURVEYS LTD	SIMRAD EM 122 (1*X2*); EM-710 (1*X1*)	2009
SEA TRIDENT	GARDLINE SURVEYS LTD	SEABEAM 1050 MW	1999
SMB COOK	ROYAL NAVY	SIMRAD EM-3002D	2006
TALISMAN (UUV)	BAE UNDERWATER SYSTEMS	GEOSWATH PLUS	2007
TALISMAN (UUV)	BAE UNDERWATER SYSTEMS	RESON SEABAT 7123	2008
TEES NAVIGATOR	TEESPORT	RESON SEABAT 8125	2007
TRITON	GARDLINE SURVEYS LTD	SIMRAD EM-710S (0.5° X 1)	2006
VIGILANT	GARDLINE SURVEYS LTD	SIMRAD EM-710	2008
	ADUS	RESON SEABAT 8125	2010
	ALLUVIAL MINING COMPANY	RESON SEABAT	
	ANDREWS SURVEYS LTD	GEOSWATH PLUS 250 kHz	2003

WORLDWIDE SEAFLOOR SWATH-MAPPING SYSTEMS

	ASHTREAD TECHNOLOGY LTD	GEOSWATH PLUS 250 kHz	2004
	ASHTREAD TECHNOLOGY LTD	RESON SEABAT 8125 (5 systems)	2000, 2004
	ASHTREAD TECHNOLOGY LTD	RESON SEABAT 8160	
	ASHTREAD TECHNOLOGY LTD	RESON SEABAT 9001-600 (2 systems)	
	ASHTREAD TECHNOLOGY LTD	RESON SEABAT 8101-300	2000
	ASHTREAD TECHNOLOGY LTD	RESON SEABAT 9001S-350 (2 systems)	
	ASSOCIATED BRITISH PORTS	RESON SEABAT	
	BARROW IN FURNESS PORT AUTHORITY	RESON SEABAT	
	BRISTOL PORT COMPANY	RESON SEABAT 8101	2005
	BRITISH PETROLEUM	RESON SEABAT	
	CABLE AND WIRELESS MARINE, LTD	RESON SEABAT	
	CALEDONIAN GEOTECH	RESON SEABAT	
	CARDIFF UNIVERSITY	RESON SEABAT	
	CFAS	SIMRAD EM-3000d	2002
	CHEVRON OIL COMPANY	RESON SEABAT	
	COPLEXIP STENA OFFSHORE	RESON SEABAT	
	CLYDESIDE SURVEYS LTD	RESON SEABAT 8125 (2 systems)	2001, 2006
	CLYDESIDE SURVEYS LTD	RESON SEABAT 7125	2009
	DONALD CAMERON	RESON SEABAT	
	DRA	RESON SEABAT	
	DYNAMIC POSITIONING SERVICES LTD	RESON SEABAT 7125	2008
	EGS SERVICES	RESON SEABAT	
	EGS INTERNATIONAL	SIMRAD EM-3002D	2005
	EMU LTD	RESON SEABAT 8101	2005
	ENTERPRISE OIL LIMITED	RESON SEABAT	
	ENVIRONMENT AGENCY	RESON SEABAT 8125	2004
	ENVISON MAPPING, LTD	GEOSWATH PLUS 250 kHz	2004
	EUROPEAN MARINE CONTRACTORS	RESON SEABAT 9001S-350 (2 systems)	
	FATHOMS LIMITED - INTEGRATED SUBSEA SERVICES	RESON SEABAT	
	FLAGSHIP TRAINING LTD	GEOSWATH	
	FUGRO-UDI LTD	RESON SEABAT	
	FUGRO ROVOTECH	RESON SEABAT 7125 (4 systems)	2008
	<b>GARDLINE ENVIRONMENTAL</b>	<b>GEOSWATH PLUS 250 kHz</b>	<b>2008</b>
	GARDLINE SURVEYS LTD	RESON SEABAT	
	GEOCONSULT	OMNITECH ECHOSCOPE 1600	
	GSE RENTALS-SCOTLAND	GEOSWATH PLUS 250 kHz	2001
	GSE RENTALS	GEOSWATH PLUS 250 kHz	2002
	GSE RENTALS	RESON SEABAT	
	GSE RENTALS	SIMRAD EM-3002D	2006
	HARWICH HARBOUR AUTHORITY	RESON SEABAT 9001-350 (2 systems)	
	HERIOT-WATT UNIVERSITY	RESON SEABAT	
	HMB SUBWORK LTD.	RESON SEABAT	
	J.P. KENNY	RESON SEABAT	
	KONGSBERG MARITIME LTD	SIMRAD EM-710 (2"x 2")	2006
	MAFF - MARINE LABORATORY	RESON SEABAT	
	MARCONI-UDI	RESON SEABAT	
	<b>MARINE BIOLOGICAL ASSOCIATION</b>	<b>GEOSWATH PLUS 125 &amp; 250 kHz</b>	<b>2007</b>
	MCDERMOTT MARINE CONSTRUCTION	RESON SEABAT	
	MORRISON-McLEAN ASSOCIATES	RESON SEABAT	
"Reserve"	MINISTRY OF DEFENCE	ATLAS FANSWEEP-20-200	1997
	NETSURVEY	RESON SEABAT 8101, 8111, 8124, 8125, 8160	
	NETSURVEY	SIMRAD EM-3000	
	NETSURVEY	SEABEAM 1180	
	NORCOM TECHNOLOGY, LTD	RESON SEABAT	
	OCEANEERING	RESON SEABAT 7125	2008
	OCEANSCAN, LTD	SIMRAD EM-3000 (LEASE)	1996
	OCEANSCAN, LTD	RESON SEABAT 8101, SEABAT 8111	1998, ?
	OCEANTEAM	RESON SEABAT	
	OCTOPUS MARINE SYSTEMS	ELAC BCC 180 kHz Mk II (2 sys)	1996, 1997
	OCTOPUS MARINE SYSTEMS	SEABEAM ELAC 1180	
	OCTOPUS MARINE SYSTEMS	OMNITECH ECHOSCOPE 1600	
	OSAE	RESON SEABAT 9001-350 (2 systems)	
	OSAE	RESON SEABAT 9001-500 (2 systems)	
	OSIRIS LTD	GEOSWATH PLUS 250 kHz (2 systems)	2004, 2005
	OSIRIS LTD	RESON SEABAT 7125	2009
	OSPREY LEASING, LTD	SIMRAD EM-3000	1996
	PEEL PORTS	RESON SEABAT 8125	2007
	PSL ENERGY SERVICES LTD	RESON SEABAT 9001	2006
	PORT OF LONDON	RESON SEABAT 8101, SEABAT 7128	2005, 2008
	PORT OF TYNE	RESON SEABAT 8101	2005
	PORT OF SOUTHAMPTON	RESON SEABAT 7125	2008
	RACAL SURVEY LTD	RESON SEABAT	
	RACAL SURVEY LTD	SEABEAM 1050 D (2 sys.) upgrad 1998	1996, 1997
	RACAL SURVEY LTD	SEABEAM 1180 (2 systems) upgrad1998	1996, 1997
	ROSS OFFSHORE	RESON SEABAT	
	ROYAL NAVY	RESON SEABAT	
	ROYAL NAVY TRAINING SCHOOL	SIMRAD EM-3000	2001
	SAGA OIL AND GAS	RESON SEABAT	
	SAGE ENGINEERING	GEOSWATH PLUS 125 kHz	1999
	SCANTRON LTD / EIVA	RESON SEABAT 9001-350 (2 systems)	
	SEATRONICS LTD	GEOSWATH PLUS 250 kHz	2002
	SEATRONICS LTD	RESON SEABAT 8125, SEABAT 8128	2005, 2007
	SEATRONICS LTD	RESON SEABAT 7125 (4 systems)	2007, 2008
	SHELL UK	GLORIA (system retired)	
	SONSUB	RESON SEABAT	
	SONAR EQUIPMENT SERVICES	GEOSWATH	
	STENA OFFSHORE	RESON SEABAT	
	STOLT-COMEX SEAWAY	RESON SEABAT	
	SUBSEA OFFSHORE	RESON SEABAT 9001-500	
	SUBSEA SURVEY	RESON SEABAT	
	SWITZER LTD. / BRITSURVEY	RESON SEABAT	
	SWATHE SERVICES, LTD	GEOSWATH PLUS 250 kHz (2 SYSTEMS)	2005, 2007
	<b>TITAN ENVIRONMENTAL SURVEYS (A GARDLINE COMPANY)</b>	<b>GEOSWATH PLUS 250 kHz</b>	<b>2008</b>
	TOTAL OIL	RESON SEABAT	
	UDI LTD	RESON SEABAT	
	UNDERWATER EXCAVATION INTERNATIONAL LTD	RESON SEABAT	
	WIMPOL LIMITED	RESON SEABAT	

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UNITED STATES OF AMERICA			
NOAA/NOS/CS			
R/V AHI (F2505)	NOAA/PIF/SC/HL	RESON SEABAT 8101 ER	2003
S/V BAY HYDROGRAPHER (S-5501)	NOAA/NOS/COAST SURVEY	RESON SEABAT 7125	2009
S/V CAPABLE	NOAA/OMAO	SIMRAD EM-302 0.5° X 1°	2007
NOAAS DAVIDSON (Decommissioned)	NOAA/OMAO	HYDROCHART	(ret. '89)
NOAAS DISCOVERER (Decommissioned)	NOAA/OMAO	SEABEAM	1986 (ret. '96)
NOAAS FAIRWEATHER (S-220)	NOAA/OMAO	RESON SEABAT 7111, RESON SEABAT 8160	1
FAIRWEATHER FA-2805	NOAA/OMAO	RESON SEABAT 7125-SV	2010
FAIRWEATHER FA-2806	NOAA/OMAO	RESON SEABAT 7125-SV	2010
FAIRWEATHER FA-2807	NOAA/OMAO	RESON SEABAT 7125-SV	2010
FAIRWEATHER FA-2808	NOAA/OMAO	RESON SEABAT 7125-SV	2010
ANY LAUNCH	NOAA/OMAO	TILTED RESON SEABAT 8125	2009
R/V GLORIA MICHELLE	NOAA/NEFSC	SIMRAD EM-3002 (PORTABLE, SHARED SYSTEM)	2005
NOAAS HECK (Decommissioned)	NOAA/OMAO	RESON SEABAT 9001	1992 (ret. '95)
NOAAS HI'IALAKAI (R-334)	NOAA/NMAO	SIMRAD EM3002D, EM300	2005
NOAAS MT MITCHELL (Decommissioned)	NOAA/OMAO	SEABEAM	1987 (ret. '95)
NOAAS NANCY FOSTER	NOAA/OMAO	SIMRAD EM-1002, RESON SEABAT 7125	2007, 2010
AUV	NOAA/OMAO	SIMRAD EM 2000	2007
NOAAS OSCAR DYSON (R-224)	NOAA/OMAO	SIMRAD SM-2000 (to be updated to SM20)	2004
NOAAS OKEANOS EXPLORER (R-337)	NOAA/OMAO	SIMRAD EM-302 (0.5° X 1°)	2008
NOAAS RAINIER (S-221)	NOAA/OMAO	SEABEAM 1050D	1999
NOAAS RAINIER (S-221)	NOAA/OMAO	SIMRAD EM-710 (0.5° X 1°)	2010
RAINIER RA-2 (1103)	NOAA/OMAO	TILTED RESON SEABAT 8125	2010
RAINIER RA-3 (2803)	NOAA/OMAO	RESON SEABAT 7125-B	2008
RAINIER RA-4 (2801)	NOAA/OMAO	RESON SEABAT 7125-B	2008
RAINIER RA-5 (2802)	NOAA/OMAO	RESON SEABAT 7125-B	2008
RAINIER RA-6 (2804)	NOAA/OMAO	RESON SEABAT 7125-B	2008
NOAAS RONALD H. BROWN (AGOR-26)	NOAA/OMAO	SEABEAM 2112A, SEABEAM 3000 (removed 2010)	1997, 2003
NOAAS RONALD H. BROWN (AGOR-26)	NOAA/OMAO	SIMRAD EM-122 (1° X 1°)	2010
NOAAS RUDE (590)-(Decommissioned 2008)	NOAA/OMAO	RESON SEABAT 9003, SEABAT 8125	1994, 2002
RUDE LAUNCH (RU1419)	NOAA/OMAO	RESON SEABAT 8124	2003
NOAAS SURVEYOR (Decommissioned)	NOAA/NOS	SEABEAM	1979 (ret. '95)
NOAAS THOMAS JEFFERSON (ex-Littlehales)	NOAA/OMAO (transferred from NAVOCEANO 2003)-see below	SIMRAD EM-1002, RESON 7125	2003, 2007
JEFFERSON LAUNCH TJ 1 (3101)	NOAA/OMAO	RESON SEABAT 7125	2009
JEFFERSON LAUNCH TJ 2 (3102)	NOAA/OMAO	RESON SEABAT 8125	2002
NOAAS WHITING (Decommissioned)	NOAA/OMAO	SIMRAD EM 1002	2002 (ret. 2003)
WHITING 1005 (to Th Jefferson)	NOAA/OMAO	RESON SEABAT 8101 ER	1998 (ret. 2003)
WHITING 1014 (to Th Jefferson)	NOAA/OMAO	RESON SEABAT 8125	2002 (ret. 2003)
NAV RESPONSE TEAM 1	NOAA/NOS/COAST SURVEY	RESON SEABAT 8125	2005
NAV RESPONSE TEAM 3	NOAA/NOS/COAST SURVEY	SIMRAD EM-3002	2009
NAV RESPONSE TEAM 4	NOAA/NOS/COAST SURVEY	SIMRAD EM-3002	2009
NAV RESPONSE TEAM 5	NOAA/NOS/COAST SURVEY	SIMRAD EM-3002	2008
NAV RESPONSE TEAM 6	NOAA/NOS/COAST SURVEY	SIMRAD EM-3002	2008
US ARMY CORPS OF ENGINEERS			
	ANCHORAGE	RESON SEABAT 9001-350	
	BALTIMORE	ODOM ECHOSCAN	1998
	BALTIMORE	GEOSWATH PLUS 250 KHz (2 systems)	2004, 2006
S/V ADAMS	BUFFALO	RESON SEABAT 9001-350	1998
	CHICAGO	RESON SEABAT 9001-350	
	DETROIT	RESON SEABAT 9001S-350	
LARC (AMPHIBIOUS VEHICLE)	DUCK, NC FIELD RESEARCH CENTER	GEOSWATH PLUS 250 kHz	2007
	GALVESTON	RESON SEABAT 9001-350	
S/L VOLLERT	GALVESTON	ODOM ECHOSCAN (2 systems)	1998
	JACKSONVILLE	RESON SEABAT 9001-350	
	LOS ANGELES	RESON SEABAT 9001-350	
	LOS ANGELES	ATLAS FANSWEEP 20-200	2001
EASTERN	LOUISVILLE	RESON SEABAT 9001-350	
	MEMPHIS	RESON SEABAT 9001-350	
	MOBILE	RESON SEABAT 9001-350	
S/V IRVINGTON	MOBILE	RESON SEABAT 8125, RESON SEABAT 8128	2002
	NEW ENGLAND	RESON SEABAT 9001-350	
S/V MORITZ	NEW YORK	RESON SEABAT 8101-300 (2 systems)	2003
	NEW YORK	ODOM ECHOSCAN	1998
	NORFOLK	RESON SEABAT 8101-300	
	PORTLAND	RESON SEABAT 8101-300	
	SAN FRANCISCO	RESON SEABAT 8101-300	
	SAULT ST. MARIE	RESON SEABAT 8101-300	
	SAVANNAH	RESON SEABAT 8101-300	
	SAVANNAH	RESON SEABAT 8125	2002
	SEATTLE	RESON SEABAT 8101-300	
	SEATTLE	ELAC SEABEAM 1185/TEI ISIS	2001
	ST. LOUIS	RESON SEABAT 8101-300	
	TULSA	RESON SEABAT 8101-300	
	VICKSBURG	GEOSWATH PLUS COMPACT 500 kHz	2009
	VICKSBURG	RESON SEABAT 8101-300	
	WALLA WALLA	RESON SEABAT 8101-300	
	WATERWAYS EXPERIMENT STATION	RESON SEABAT 8101-300	
	WILMINGTON	RESON SEABAT 8101-300	
US COAST GUARD			
USCGC HEALY (WAGB-20) (icebreaker)	US COAST GUARD	SEABEAM 2112 (Ice)	1999
	US COAST GUARD	RESON SEABAT	
US ENVIRONMENTAL PROTECTION AGENCY			
	USEPA	RESON SEABAT	
US FISH AND WILDLIFE SERVICE			
	USFWS	RESON SEABAT	
US GEOLOGICAL SURVEY			
	USGS - Woods Hole	SUBMETRIX 2000 - 234kHz	2001
US NATIONAL BIOLOGICAL SERVICE			
	USNBS	RESON SEABAT	
US NAVY / MSC OPERATED			
USNS BOWDITCH (TAGS-21)	NAVOCEANO (Decommissioned)	SASS	1964 (retired)
USNS BOWDITCH (TAGS-62)	NAVOCEANO	SIMRAD EM-121A (1° system), EM-1002 (etired 2008)	1995, 1998
USNS BOWDITCH (TAGS-62)	NAVOCEANO	SIMRAD EM 122 (1°X1°), EM 710 (1°X1°)	2008

WORLDWIDE SEAFLOOR SWATH-MAPPING SYSTEMS

USNS SILAS BENT (TAGS-26)	NAVOCEANO (Decommissioned)	SEABEAM (to Turkey-TCG CESNEI)	1989 (retired '99)
USNS BRUCE HEEZEN (TAGS-64)	NAVOCEANO	SIMRAD EM-121A (1° sys) / EM-1000, EM-1002	1999, 1997, 2000
SURVEY LAUNCH 34011	NAVOCEANO	SIMRAD EM-3000	1999
SURVEY LAUNCH 34012	NAVOCEANO	SIMRAD EM-3000	1999
USS DUTTON (TAGS-22)	NAVOCEANO (Decommissioned)	SASS	1964 (retired)
USNS MATTHEW HENSON (TAGS-63)	NAVOCEANO	SIMRAD EM-121A (1° system), EM-1002	1995, 1998
SURVEY LAUNCH #34009	NAVOCEANO	SIMRAD EM-3000	1999
SURVEY LAUNCH #34010	NAVOCEANO	SIMRAD EM-3000	1999
USNS HARRY HESS (TAGS-28)	NAVOCEANO (Decommissioned)	SASS	1965 (retired '90)
USNS ELISHA KENT KANE (TAGS-27)	NAVOCEANO (Decommissioned)	SEABEAM	1989 (retired '92)
USNS LITTLEHALES (TAGS-52)	NAVOCEANO (trans to NOAA 2003, renamed NOAA's Th Jefferson)	SIMRAD EM-100, EM-1002	1991, 1999
USNS MATTHEW F MAURY (TAGS-39)	NAVOCEANO (Decommissioned)	SASS IV (to California Maritime Academy)	1989 (ret '94)
USNS JOHN MCDONNELL (TAGS-51)	NAVOCEANO (TO BE DECOMMISSIONED 01 JAN 2010)	SIMRAD EM-100, EM-1002	1990, 2000
SURVEY LAUNCH #34013	NAVOCEANO	SIMRAD EM-3000	2000
SURVEY LAUNCH #34014	NAVOCEANO	SIMRAD EM-3000	2000
USNS MIZAR (TAGOR-11)	NAVOCEANO (Decommissioned)	SEABEAM	(ret '90)
USNS ALBERT MYER (T-ARC-6)	NAVOCEANO	SEABEAM	1992
USNS NEPTUNE (T-ARC-2)	NAVOCEANO (Decommissioned)	SEABEAM	(ret '91)
USNS OBSERVATION ISLAND	NAVOCEANO	SASS	1964 (retired)
USNS PATHFINDER (TAGS-60)	NAVOCEANO	SIMRAD EM-121A (1° system), EM-1002 (to be ret'd 2009)	1994, 1999
USNS PATHFINDER (TAGS-60)	NAVOCEANO	SIMRAD EM-122 (1°x1°), EM 710 (1°X1°)	2009
USNS MARY SEARS (TAGS-65)	NAVOCEANO	SIMRAD EM-121A (1° system), EM-1002	2000
USNS SUMNER (TAGS-61)	NAVOCEANO	SIMRAD EM-121A (1° system), EM-1002 (systems ret'd. 2007)	1995, 1999
USNS SUMNER (TAGS-61)	NAVOCEANO	SIMRAD EM-120, EM-710	2007
USNS TANNER (TAGS-40)	NAVOCEANO (Decommissioned)	SASS IV (to Maine Maritime Academy)	1990 (ret '93)
USNS WATERS (TAGS-45)	NAVOCEANO (Decommissioned)	SEABEAM	1992
USNS WILKES (TAGS-33)	NAVOCEANO / SPAWAR	SEABEAM (to Tunisia)	(retired '95)
USNS WYMAN (TAGS-34)	NAVOCEANO (Decommissioned)	SASS IV/BOTASS	1989 (retired '99)
USNS ZEUS (T-ARC-7)	MILITARY SEALIFT COMMAND	SIMRAD EM-121	1993
R/V LANEY CHOUEST	NAVOCEANO	SEABEAM	1988
SEA LION / ORCA	COMSUBDEVGRU 1	SIMRAD EM-950	1994
ORCA I (ROV)	NAVOCEANO	SIMRAD EM-950	1994
ORCA II (ROV)	NRL	SIMRAD EM-950	1994
	NAVAL FACILITIES ENGINEERING COMMAND	SIMRAD EM-3000	1998
	NAVAL FACILITIES ENGINEERING COMMAND	RESON SEABAT	
	NAVOCEANO (HYCOOP)	RESON SEABAT 8101 94 systems)	2001 (2) 2002 (2)
SURVEY LAUNCH 34006	NAVOCEANO	SIMRAD EM-3000	1998 (storage)
SURVEY LAUNCH 34007	NAVOCEANO	SIMRAD EM-3000	1998 (storage)
SURVEY LAUNCH 34008	NAVOCEANO	SIMRAD EM-3000	1998 (storage)
SURVEY LAUNCH 34015	NAVOCEANO	SIMRAD EM-3000	2001
SURVEY LAUNCH 34016	NAVOCEANO	SIMRAD EM-3000	2001
TAGS MLU 1	NAVOCEANO	SIMRAD EM-122 1X1	2007
TAGS MLU 1	NAVOCEANO	SIMRAD EM-710 0.5X1	2007
TAGS MLU 1	NAVOCEANO	SIMRAD SBP-120 3° system	2007
TAGS MLU2	NAVOCEANO	SIMRAD EM-122 1X1	2007
TAGS MLU2	NAVOCEANO	SIMRAD EM-710 0.5X1	2007
TAGS MLU2	NAVOCEANO	SIMRAD SBP-120 3° system	2007
TAGS MLU 3	NAVOCEANO	SIMRAD EM-122 1X1	2007
TAGS MLU 3	NAVOCEANO	SIMRAD EM-710 0.5X1	2007
TAGS MLU 3	NAVOCEANO	SIMRAD SBP-120 3° system	2007
TAGS MLU4	NAVOCEANO	SIMRAD EM-122 1X1	2007
TAGS MLU4	NAVOCEANO	SIMRAD EM-710 0.5X1	2007
TAGS MLU4	NAVOCEANO	SIMRAD SBP-120 3° system	2007
	NAVOCEANO	SIMRAD EM-710	2006
TAGS-66 (No Name as of Yet)	NAVOCEANO	SIMRAD EM 122 (1°X1°), EM 710 (1°X1°)	2010
SEAHORSE AUV	NAVOCEANO	SIMRAD EM-3000D	2003
	NAVOCEANO (BERTRAM TRAINING VESSEL)	SIMRAD EM-3000	2001
	NRL	RESON SEABAT 9001-350 (2 systems)	
	NUWC-KEYPORT WA	SIMRAD SM 2000/Triton-Elics HS150	2001
	USN EXPLOSIVES ORDINANCE DISPOSAL CTR-INDIAN HEAD, MD	SIMRAD SM-2000 (4 systems)	2000
<b>US RESEARCH INSTITUTIONS</b>			
ATLANTIS (AGOR-25)	WOODS HOLE OCEANOGRAPHIC INSTITUTION	SEABEAM 2112A (Ice)	1995
ATLANTIS II	WOODS HOLE OCEANOGRAPHIC INSTITUTION	SEABEAM	1983
BELLOWS	UNIVERSITY OF FLORIDA	SIMRAD EM-3000	1998
ROBERT CONRAD (AGOR-3)	LAMONT-DOHERTY EARTH OBSERVATORY	SEABEAM	1984 (retired '89)
MAURICE EWING	LAMONT-DOHERTY EARTH OBSERVATORY	ATLAS HYDROSWEEEP	1990 (retired)
GAVIA AUV-DORA	UNIVERSITY OF DELAWARE	GEOSWATH PLUS AUG 500 kHz	2008
HURL	HAWAII UNDERSEA RESEARCH LABORATORY -HURL	SEABEAM 3000	2006
JASON	WOODS HOLE OCEANOGRAPHIC INSTITUTION	RESON 7125	2010
KA'IMIKAI O KANILOA	UNIVERSITY OF HAWAII	SEABEAM 2100	
KILO MOANA (AGOR-26) SWATH VESSEL	UNIVERSITY OF HAWAII	SIMRAD EM-120 (1°X2°), EM-1002	2001
KNORR (AGOR-150)	WOODS HOLE OCEANOGRAPHIC INSTITUTION	SEABEAM 2112	1994
MARCUS A LANGSETH	LAMONT-DOHERTY EARTH OBSERVATORY	SIMRAD EM-120, SIMRAD EM-122	2007, 2008(?)
MELVILLE (AGOR-14)	SCRIPPS INST OF OCEANOGRAPHY	SEABEAM 2000, SIMREAD EM 122	1992, 2007
MOANA WAVE (AGOR-22)	UNIVERSITY OF HAWAII	MR 1 (SEAMARC 1)	
NATHANIEL PALMER (Icebreaker)	NSF/EDISON CHOUEST, ASA	SIMRAD EM120/ (ICE) (1°x2°)	2002
ONRUST	MARINE SCIENCE RESEARCH CTR-(SUNY)-STONYBROOK	SIMRAD EM-3000	1998
ROGER REVELLE (AGOR-24)	SCRIPPS INST OF OCEANOGRAPHY	SEABEAM 2112A (replaced: 2000)	1995
ROGER REVELLE (AGOR-24)	SCRIPPS INST OF OCEANOGRAPHY	SIMRAD EM-120 (2x2) / EM-1002	2000, 2001
THOMAS THOMPSON (AGOR-23)	UNIVERSITY OF WASHINGTON	SIMRAD EM-300 (1°x1°)	2002
THOMAS WASHINGTON (AGOR-10)	SCRIPPS INST OF OCEANOGRAPHY	SEABEAM (to Chile)	1981 (retired '92)
	CAROLINA COASTAL UNIVERSITY	SIMRAD EM-3002D	2007
	STATE UNIVERSITY OF NEW YORK	SIMRAD EM-3000D	2006
	WOODS HOLE OCEANOGRAPHIC INSTITUTION	RESON SEABAT	
<b>US STATE AGENCIES</b>			
	ALASKA FISHERIES	RESON SEABAT	
	COUNTY OF ORANGE, CALIFORNIA	RESON SEABAT 8124	2002
	HAWAII UNDERSEA RESEARCH LABORATORY	RESON SEABAT	
	MISSOURI DEPT OF TRANSPORTATION	RESON SEABAT	
	NEVADA WATER AUTHORITY	RESON SEABAT	
<b>US COMMERCIAL OPERATORS</b>			
BEACON	MAREX MARINE	????	
CAPTAIN PETE	WEEKS MARINE	ODOM ECHOSCAN	2001

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COASTAL SURVEYOR	C&C TECHNOLOGIES (to NOAA/UNH CCOM-2002)	SIMRAD EM-3000D (portable)	1999
DAVIDSON	OCEAN SERVICES LLC	RESON SEABAT 8150-F	2000
DIAMOND REEF	GREAT LAKES DREDGE AND DOCK	ATLAS FANSWEEP-20-200	1998
ROBERT I ENGLE	HANSON PROFESSIONAL SERVICES INC	RESON SEABAT 9001S-350	1996
EDISON CHOUJEST	CHOUJEST	SEABEAM 1050/ER	1997
FALCON EXPLORER	PGS HOUSTON	SEABEAM 2112A	1997
FUGRO AUV	FUGRO	SIMRAD SM 2000E	2002
HS AUTOSUB	HALLIBURTON SUBSEA	SIMRAD EM 2000	2002
HUGIN 3000 (AUV)	C&C TECHNOLOGIES	SIMRAD EM-2000, EM-2000 (SPARE)	2000
HUGIN 3000 (AUV) ii	C&C TECHNOLOGIES	SIMRAD EM-2000	2005
HUGIN 4500	C&C TECHNOLOGIES	SIMRAD EM-2000	2006
	AUV-6000M (2)	SIMRAD EM-2000 (2 SYSTEMS)	2006
INEZ McCALL	C&C TECHNOLOGIES	SIMRAD EM-3000D (portable)	1999
INLAND SURVEYOR	C&C TECHNOLOGIES	SIMRAD EM-950 (portable)	1993
MERLION	C&C TECHNOLOGIES	SIMRAD EM-12S	1997
NEUVILLE	GREAT LAKES DREDGE AND DOCK	ATLAS FANSWEEP-20	2000
NORTELLA	BELL GEOSPACE	SIMRAD EM-3000 (2"x4"); EM-950,	1997
NORTHERN RESOLUTION	C&C TECHNOLOGIES	SIMRAD EM-120	2005
OCEAN ALERT (retired 2001)	C&C TECHNOLOGIES	SIMRAD EM-300 (1X2")	1997 (retired 2001)
OCEAN EXPLORER	SCIENCE APPLICATIONS INTERNATIONAL CORP.	RESON SEABAT	
OCEAN EXPLORER	PGS, HOUSTON	SIMRAD EM-300 (1"x2")	1998
OCEAN SURVEYOR	C&C TECHNOLOGIES	SIMRAD EM-1000 (portable)	1993
S/V SEABAT 1	C&C TECHNOLOGIES	RESON SEABAT 9001SS-350	
ST. JOHN/S RIVER	GREAT LAKES DREDGE AND DOCK	ATLAS FANSWEEP-20-200	2000
SEIS SURVEYOR	JOHN CHANCE AND ASSOCIATES	SEABEAM 2100	1996
SHOAL RUNNER	GREAT LAKES DREDGE AND DOCK	ATLAS FANSWEEP-20-200	1999
SURF SURVEYOR	C&C TECHNOLOGIES	SIMRAD EM-950 (portable)	
	ALASKA FISHERIES	RESON SEABAT	
	<b>ALDRICHT OFFSHORE</b>	<b>GEOSWATH PLUS 250 kHz</b>	<b>2009</b>
	ALLIANT TECHSYSTEMS, INC.	RESON SEABAT	
	ALLIED SIGNAL-OCEAN SYSTEMS	ELAC BCC-180kHz	1996
	ALLIED SIGNAL-OCEAN SYSTEMS	RESON SEABAT 9001S-600	
	ALPINE OCEAN	GEOSWATH PLUS 250 kHz	2005
	APPLIED REMOTE TECHNOLOGY-RAYTHEON	RESON SEABAT 9001-350	
	ARC SURVEYING AND MAPPING	SIMRAD EM-300 (2X4")	1997
	ASSTEAD TECHNOLOGY, INC.	RESON SEABAT 8160	2001
	ASSTEAD TECHNOLOGY, INC.	RESON SEABAT 9001, SEABAT 9001S,	
	ASSTEAD TECHNOLOGY, INC.	RESON SEABAT 9002	
	CH2M HILL	RESON SEABAT	
	CHEVRON USA INC.	RESON SEABAT	
	CHUSTZ SURVEY	RESON SEABAT 8125	2002
	COASTAL SYSTEM STATION	RESON SEABAT	
	C&C TECHNOLOGIES	RESON SEABAT 9001S-350	
	C&C TECHNOLOGIES	SIMRAD EM-3002D	2006
	CRA INC.	RESON SEABAT	
	CRA NW	RESON SEABAT	
	CRA-NW	ELAC BCC-180 kHz	1995
	DAVCO	ECHOSCAN	2000
	DAVID EVANS AND ASSOCIATES	RESON SEABAT 9001	
	DIMCO	ODOM ECHOSCAN	2000
	EMC, INC.	RESON SEABAT 8101	
	FUGRO USA	SIMRAD EM-2000 (spare)	2001
	FUGRO WEST, INC.	GEOSWATH PLUS 250 kHz	2007
	FUGRO WEST, INC.	RESON SEABAT	
	GAHAGAN & BRYANT	ODOM ECHOSCAN	1998
	GEO DYNAMICS	SIMRAD EM-3000, SIMRAD EM-3002	2003, 2006
	GEORGIA PACIFIC	RESON SEABAT	
	GLOBAL EXPLORERS	RESON SEABAT	
	GOLDER ASSOCIATES	RESON SEABAT	
	GREAT LAKES DREDGE AND DOCK	ATLAS FANSWEEP 20-200	2003
	GUSTIN COTHERN AND TUCKER SURVEYING	ODOM ECHOSCAN	
	HANSON PROFESSIONAL SERVICES INC	RESON 9001	
	INTERNATIONAL INDUSTRIES, INC./RENTMAR	ATLAS FANSWEEP-10	1991
	INTERNATIONAL INDUSTRIES, INC./RENTMAR	ODOM ECHOSCAN	
	INTERNATIONAL INDUSTRIES, INC./RENTMAR	RESON SEABAT	
	JOHN CHANCE AND ASSOCIATES	ELAC BCC-180 kHz	1996
	JOHN CHANCE AND ASSOCIATES	ATLAS FANSWEEP-10	1992
	JOHN CHANCE AND ASSOCIATES	RESON SEABAT 9001-350	
	JOHNSON-McADAMS	RESON SEABAT 9001S-350	
	KONGSBERG UNDERWATER TECHNOLOGY, INC	SIMRAD EM-3002 (PORTABLE UNIT)	2006
	L-3 DYNAMIC POSITIONING (OIL RIGS)	SEABEAM 1185 (2 systems)	2008
	LOCKHEED MISSILES AND SPACE, INC.	RESON SEABAT	
	MANSON CONSTRUCTION	RESON SEABAT 8125	2002
	MORRIS HEBERT & ASSOCIATES	RESON SEABAT	
	OCEAN SURVEYS INC	RESON SEABAT	
	OCEANEERING TECHNOLOGIES	RESON SEABAT 8101-300	
	OCEANIC IMAGING CONSULTANTS, INC.	RESON SEABAT 8101 (2 systems)	2000
	P.T.I. ENVIRONMENTAL	RESON SEABAT	
	PELAGOS CORPORATION	RESON SEABAT	
	PERRY TECHNOLOGIES	RESON SEABAT	
	PORT OF LOS ANGELES	RESON SEABAT	
	RACAL SURVEY INC.	RESON SEABAT	
	RACAL-NCS	RESON SEABAT 8101-1200	
	RLDA SURVEYING AND MAPPING	ODOM ECHOSCAN (PUERTO RICO)	1998
	ROGERS SURVEYING	RESON SEABAT 8101	2000
	ROWE ENGINEERING	ATLAS FANSWEEP 20-200	2003
"DEMO"	SCIENCE APPLICATIONS INTERNATIONAL CORP. (SAIC)	SIMRAD EM-3000	1997
	SCIENCE APPLICATIONS INTERNATIONAL CORP. (SAIC)	GEOSWATH PLUS 250 kHz	2006
	SCIENTIFIC SERVICES, INC.	RESON SEABAT	
	SEAFLOOR SURVEYS INTERNATIONAL / FUGRO	RESON SEABAT	
	SEAFLOOR SYSTEMS INC	SEABEAM 1180, SEABEAM 1050	2002
	SEARCH AND SURVEY, INC	RESON SEABAT	
	SEA VISUAL, INC.	RESON SEABAT 8101	
	SOLUS SCHALL	RESON SEABAT	
	SQUIRE ASSOCIATES	RESON SEABAT	
	STERLING EQUIPMENT, INC.	GEOSWATH PLUS 250 kHz	2006
	SUMMIT TECHNOLOGIES	RESON SEABAT	
	SURVEY EQUIPMENT SERVICES, INC.	RESON SEABAT	

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	TERRA SONO LTD	RESON SEABAT 8101-ER, SEABAT 8124, 8125, 8128	2004, 2005, 2007
	TERRA SONO LTD	RESON SEABAT 7125 (DUAL FREQUENCY)	2007
ROV	THALES GEOSOLUTIONS	SIMRAD EM-2000	2003
	THALES GEOSOLUTIONS (PACIFIC) INC	RESON SEABAT 8111, 8150	2002
	TRITON ELICS INTERNATIONAL INC.	RESON SEABAT	
	UNAM	SIMRAD EM-300	2006
	VERNON F MEYERS & ASSOCIATES	RESON SEABAT	
	WILLIAMSON & ASSOCIATES INC.	RESON SEABAT	
<b>URUGUAY</b>			
S/V OYURVIDE	SERVICIO DE OCEANOGRAFIA, HIDROGRAFIA Y METEOROLOGIA	SEABEAM 1180	1998
LANCHA HIDROGRAFICA TRIESTE	SERVICIO DE OCEANOGRAFIA, HIDROGRAFIA Y METEOROLOGIA	SEABEAM 1180	2001
<b>VENEZUELA</b>			
	INCOSTAS	GEOSWATH PLUS 250 kHz	2008
	NAVY HYDROGRAPHIC OFFICE	SEABEAM 1050D	2002
<b>VIETNAM</b>			
HSV 6613	VIETNAM NAVY	ATLAS HYDROSWEEEP MD/30	2008
Survey Launches (2)	VIETNAM NAVY	ATLAS FANSWEEP 20 (2 systems)	2008
	HANOI UNIVERSITY OF SCIENCE	GEOSWATH PLUS 250 kHz	2008
<b>YUGOSLAVIA</b>			
BGD-C 30	SAVEZNA JAVNA USTANOVA	ATLAS FANSWEEP-20-200	2001