



WINFROG SYSTEMS SUPPORTED DEVICES

CABLE MACHINERY

DW System
Plantscape System
Siemens System
SMD System
TYCOM System

COMPASS

CUS8301
DigiCourse 293A
Sonardyne Bundle Monitor

COUNTER

Simulated
ALC 3000
Atlantida Counter*
Blackbox*
Bohlen1 Counter
CabDepTen1*
Caley Counter
Capstan Counter
CsgsCounter*
CstpCounter*
CslICounter*
CTC Counter*
CTC Dowty Counter
DGH
DE-20 LCE*
Dowty LCE*
DowtyCounter1*
Eilersen MCE9000
Eilersen MCE9050
Etisalat Counter
Etisalat Counter CDE
Etisalat CS NIWA Counter CDE
Etisalat Counter UAA
Fighter Tow Winch*
Fighter Cable Winch
Generic DGH
Generic Tension*
Hydranetwork*
Hydralift MAC50
Hydralift PRODAVES7
Hydralift TEXT
Hydralift WINCH
Hydranavslack
IT Telecom
MKS ZX
Pirelli Counter
Red Lion Apollo IMA
Red Lion CDC
Red Lion Gemini

Red Lion Legend
Red Lion Paxi
SEMCO Counter
Siemens Counter*
Siemens LCE*
Siemens TI435
SMD Counter
SMD Winch
Spider Tension
Teneo Counter
Thales BV Counter
TotalCounterDevice
Veeder-Root 7910
Vetter Counter
Weschler Bargraph
Williams Counter
Zeus Counter*

ELEVATION

AML Micro Pressure
Mets3 Pressure
OceanTools HEDE
Paroscientific 8B

EVENT

ARPS*
Closure (Serial)
Closure (PC Card)
EPC1086
Klein NAV3
QCOUT*
Time Synced*
Timers
Trigger (External-RS232/TTL)
Tritech OAS
Ultra-Wide 200

GENERIC INPUT

Generic data input

GPS

Simulated
Ashtech Sensor II
Fugro RVM
GPS POD
IMCA Telemetry
INTUICOM MASTER
INTUICOM SLAVE
IPC COMM*
Leica MC1000
Magnavox MX300
Magnavox MX1107

Magnavox MX7140
Magnavox MX9400
Manual GPS
Microfix
MultiFix UKOOA
NavStar XR5
NavStar PR
NavSymm
NMEA - 0183
NMEA (Sercel)
NovAtel Console
NovAtel OEMV-3
NovAtel RS232
NovAtel Telemetry*
POS/MV (NMEA)
POSMV (Binary-UDP)
POSMV (Binary-TCP)
Rockwell Zodiac OEM
Sercel NR103 Proprietary
Sercel NR103 Pseudo
SeaPath
SubSea Telemetry*
Syledis STR4
Thales PTU
Thales SVS
Thales Tracs TDMA
Trimble ASCII
Trimble Cyclic
Trimble DNAVN
Trimble RCI
Trimble TSIP
WRN6

GYRO

Simulated
(Simulated) Line Heading
KVH
Lehmkuhl LR22
Lehmkuhl LR40
Litton NAVIGAT 2100
NMEA - 0183
PVPII D&H
Robertson AP9
S G Brown
Sercel NR230
WHOI Digitizer*

INS

Simulated
Attitude GPS
Digitilt
EM1000/3000

* customized input/output data string

¹ these devices are listed under the USBL devices in WinFrog



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INS (cont.)

Humphrey-DGH
Litton LN-100
Litton LN-211G
MD900T
NMEA INS
Seatex MRU-5
Seatex MRU 4 & 6
TrimCube
TSS Heave 325
TSS HRP
TSS1 Heave
TSS1/TSS3

LBL ACOUSTIC

Simulated
ARTS
Benthos 455
Benthos DS-7000
Oceano LBL10
Sonardyne APS3
Sonardyne Fusion
Sonardyne PAN
PAN-INVERTED
Sonardyne RovNav
(Mk3, Mk4 & Mk5)
Rovnav-MINI
Sonatech NS-011

MAGNETOMETER

GeoMetrics
GeoMetrics 866
GeoMetrics 88x
GSM-19
SeaSPY

OUTPUT

ADP100 DP
Alstom 902DP
Analog SPD \pm 10VDC
ASCII Data Logger
AUV OUTPUT
Binary GPS - military
Cascade*
Cegelec 802 DP +waypoint
Cegelec 901 DP +waypoint
CMS IPL300
C&C Output
DELPH Seismic
Dynamic Target*
EPC9802
Generic Output

GeoMetrics 880 Out
GNS1 Annotation*
Horizontal Taut Wire SPD
HiPAP Emulator
INSIX
ISIS Datasonics
ISIS Triton
KiloMetrePost*
Laser Line Scan
MCG-3 Video Overlay
Nautronix DP
NavSlack*
NavSIWinch*
NEC Seagull
NMEA – 0183
OPC Server
Pirelli Cavi*
Plow 2000
Posidonia Depth
QMIPS
QPS*
RealTimePlot (serial port)*
Robertson DP
Roland DPX4600
RTCM-104
RTCM Multiple
Seabeam Data
Simrad 301 DP
Simrad 701 DP
Simrad 702 WP
Simrad SDP21 WP
Simrad SDP22
Simrad SDP24
Simrad SDP600
Simrad TENSION
Simrad WPM
SIS 1500
SubSpection
Synthesizer
Targets Vehicles
Tide Out*
Video Overlay
Taylor/Leibnitz Lann
Hydro Vision
Rapid Research
Outland 5000A

PLOW

Arado Plough
CTC Data
CTC Plough
Etisalat Plow

Gator
International Telecom Plow
PFDepTen*
Pirelli Plow (DH4)
Pirelli (Hydro Plow)
Plough D
Plough D All
SeaBed Tractor
SeaDragon
Seamole 1
Seamole 2
SeaPlow
SeaPlow VII DE20*
SeaPlow VIII
SeaPlow IX
SeaPlow Simulator*
Smart Cutter
SMDPlough (Iberus)
SMDPlough (TDI)
SMDPlough (ZEUS)
SMDPlow I
Subtrak
Towed Vehicle
Valeport IPS

PROFILER

Imagenex
SeaBat 9001
Simrad 900D
SIMULATED
Tritech DHSS

RANGE/RANGE

Simulated
Syledis SR3
Trisponder 540

RECORDING

ASCIIstring
Digistring
Machastring
Oyostring

RHO/THETA (DYNAMIC)¹

Generic Rho/Theta*
Golf Laser
Leica TCA1100
MDL Fanbeam
MDL Fanbeam (Precise)
MDL Lasertrak
Trimble T5600

* customized input/output data string

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RHO/THETA (FIXED)

Artemis
Laser L5000
NMEA Radar
Polarfix
Radar Targets
Sokkia B2

ROV/ROV SENSORS

AUC Gyro-Attitude
Cable Tracker*
CMR2 ROV
CapJet Trencher
Deep Blue ROV
Doss Sidescan
EdgeTech
Geo Acoustics
General Dynamics
Gyro Inclinometer
Innovatum
Innospider*
Magnum
MakoData
Micro CTD
Nereus ROV
NORCOM Datalogger
NSCADA Datalogger*
Orion ROV
PERRYTRITEC
Phoenix
Pioneer Hex
Pisces ROV
SCARAB III/IV
SmartJet ROV
Sonsub CRABBS
Sonsub Innovator 3
STMC Sled (modeled)
Thales ROV
 Old Format
 \$PTGG
 BV ROV
 Multibeam
Tritech SeaKing Free Run
TSS 340
TSS 350
TSS Dual Track
UK94 Bathy
Winson Trittech

RTCM DIFFERENTIAL CORRECTIONS

RTCM-104 Format
Sercel Proprietary Format
(from standard and DNSP reference
stations)
RTCM Monitor

SOCKETS TCP/IP

Read socket
Write socket

SOUNDER

Simulated
Atlas DESO 15
Atlas DESO 20
Bathy 2000
DigiTrac
Elac LAZ4700
Innerspace 412
Innerspace 449
Innerspace 456
NMEA - 0183
Odom DF3200
Odom DigiTrace
Odom DT3FS
Raytheon PDD
Reson 7125-MBES
Reson 81xx
(Bathy, Snippet, Sonar)
Simrad EA200
Simrad EA500
Simrad EA500 DF
Simrad EM121
Simrad EN200
Techno Scient 1*
TSS

SOUND VELOCITY

Applied MicroSystems SVP

SPEED LOG

Simulated
Agor AD*
Amatek
Atlas Dolog
EDO 3050
ISE Speedlog

Lambrech Wind*
NMEA Speedlog
NMEA Wind
ODEC*
RDI
SonTek Argonaut
Ulvertch ZR

TELEMETRY

WinFrog token ring

TIDE

HTG500 Tide Gauge
Paroscientific Tide Gauge
PTG500 Tide Gauge
Tide Files

TIME BASE

ODP
Trimble 1PPS
TRUETIME

USBL

Simulated
ATS telegram (Nautronix)
Fugro*
Honeywell 906
LXT 4430A
MBARI NMEA*
Nautronix RS/916
NMEA TTM
Posidonia
Simrad 300P
Simrad 310
Simrad 400
Simrad 1507
Sonar 2059
Sonardyne
Track Point

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