

WorkHorse Command Quick Reference Card

Command		Description	Default (75, 300, 600, 1200kHz)
Misc.	?	Shows command menu (deploy or system)	
	<BREAK> End	Interrupts or wakes up WorkHorse and loads last settings used	
	EXPERTON	Turns expert mode on. All commands will be listed	
	EXPERTOFF	Turns expert mode off.	
	OL	List features/special firmware upgrades that are installed	
Compass	AF	Field calibrate compass to remove hard iron error	
	AR	Return to factory calibration	
	AX	Examine compass performance	
	AZ	Zero pressure sensor	
Bottom	BPnnn	Bottom Track Pings per Ensemble	1 (Navigator/Rio Grande), 0 (all others)
	BXnnnn	Maximum Tracking Depth (10 to 65535 dm)	N/A, 2000, 1250, 450
Control	CBnnn	Serial port control (baud rate/parity/stop bits)	411
	CFnnnnn	Flow control	11111
	CK	Keep parameters as user defaults	
	CPn	Allows ADCP to be polled for data (0 = Off, 1 = On)	0
	CQnnn	Transmit power (0 = Low, 255 = High)	255
	CRn	Retrieve parameters (0 = User, 1 = Factory)	
	CS or Tab	Start pinging	
	CXn	Enables/disables the low latency trigger (0 = Off, 1 = On)	0
	CZ	Power down WorkHorse	
Environmental	EA±nnnnn	Heading alignment (-179.99 to 180.00 degrees)	0
	EB±nnnnn	Heading bias (-179.99 to 180.00 degrees)	0
	EDnnnnn	Transducer Depth (0 to 65535 dm)	00000
	ESnn	Salinity (0 to 40 parts per thousand)	0 (Rio Grande), 35
	EXnnnnn	Coordinate Transform (Xform:Type; Tilts; 3Bm; Map)	11111
	EZnnnnnnn	Sensor Source (C;D;H;P;R;S;T)	1111101
Fault	FC	Clear Fault Log	
	FD	Display Fault Log	
Test	PA	Pre-deployment tests	
	PC1	Beam Continuity Built-in test	
	PC2	Display Heading, Pitch, Roll, and Orientation Built-in test	
	PS0	Display System Configuration	
	PS3	Display Instrument Transformation Matrix	
Recorder	RE ErAsE	Erase recorder	
	RF	Recorder free space (Bytes)	
	RN	Set deployment name	_RDI_
	RR	Show recorder file directory	
	RY	Upload recorder files	

Command		Description	Default (75, 300, 600, 1200kHz)
Timing	TEhh:mm:ss.ff	Time per ensemble (hours:minutes:seconds.100 th of seconds)	01:00:00.00
	TFyy/mm/dd, hh:mm:ss	Time of first ping (year/month/day, hour:minute:second)	
	TGccyy/mm/dd, hh:mm:ss	Time of first ping (Y2k compatible) (century year/month/day, hour:minute:second)	
	TPmm:ss.ff	Time between pings (minutes:seconds.100 th of seconds)	01:20.00
	TSyy/mm/dd, hh:mm:ss	Set real-time clock (year/month/day, hour:minute:second)	
	TTccyy/mm/dd, hh:mm:ss	Set real-time clock (Y2k compatible) (century year /month/day, hour:minute:second)	
Water-Profiling	WBn	Mode 1 Bandwidth Control (0 = Wide, 1 = Narrow)	1 (Long Ranger), 0
	WDnnn nnn nnn	Data Out (Vel;Cor;Amp, PG;St;P0 P1;P2;P3)	111 100 000
	WFnnnn	Blank after transmit (0 to 9999 cm)	0704, 0176, 0088, 0044
	WNnnn	Number of depth cells (1 to 128)	030
	WPnnnnn	Pings per ensemble (0 to 16384)	00045
	WSnnnn [min, max]	Depth cell size (cm) – 80 to 3200 (75kHz), 20 to 800 (300kHz), 10 to 800 (600kHz), 5 to 400 (1200kHz)	1600, 0400, 0200, 0100
	WVnnn	Ambiguity velocity (002 to 480 cm/s radial)	175