Wasatch 100 RACE & W100 Database Commands

Runner Specific Commands		
Function	Syntax	Meaning
Delete	DELETE ###	Deletes all runner times at current checkpoint only
Did Not Finish	/D /DR	Lists runners that did not finish, ordered by runner number
	/DT	Lists runners that did not finish, ordered by time
List runner stats	/L###%	Lists runner ### times at checkpoint %
Race **Lead**ers	LEADS	Lists top ten male and top five female runners
NUMBERLIST	NUMBERLIST	Lists all runner names in number order.
Name (by number)	/N,name /N,partial*	Lists all runners with surname "name" Lists all runner surnames beginning with "partial"
All times for **r**unner	/R#A	Lists runner number, name, current position, anticipated arrival time at next, and times for previous checkpoints.
Current **r**unner information	/R# /R#-#-#...	Lists current information for runner #; or runners #, #, #. Use "-" to separate runner numbers.
Runner data entry "," and "." are interchangeable for data entry only. (Only checkpoints may enter runner data.)	###,in-time,out-time	Enters in and out-times for runner ### at current checkpoint.
	###,in-time,,	Enters in-time for runner ### at current checkpoint. Trailing commas may be omitted.
	###,,out-time,	Enters out-time for runner ### at current checkpoint. Extra comma denotes no in-time.
	###,in-time,out-time- ###,in-time,out-time- ###,in-time,out-time	Enters in and out-times for runners ###, ###, and ###. Times may be omitted as for single runner entries. Runner data must be separated by "-". Keep runner data to one line as possible to prevent buffer overflow.

Wasatch 100 RACE & W100 Database Commands

Checkpoint Specific Commands		
Function	Syntax	Meaning
Audit	/A,% /A	Lists checkpoint % problem records; defaults to current checkpoint when ",%" omitted.
Checkpoint In-time list	/C,%,T,[D]	Lists all runner in-times at checkpoint % beginning at time T for the next D hours, ordered by runner number; D default is 2 when omitted.
Checkpoint **O**ut-time list	/CO,%,T,[D]	Lists all runner out-times at checkpoint % beginning at time T for the next D hours, ordered by runner number; D default is 2 when omitted.
Checkpoint	CHKPT	Returns list of checkpoint names and letter designators
	CHKPT=%	Log on as checkpoint % Log on as another checkpoint %
Delete	DELETE ###	Deletes all runner times at current checkpoint only
Enter a **DNF**	DNF,###,T,C,W,H	Classify a runner as Did Not Finish. To cancel or correct after accepted, call Net Control.
Final Check	/F,% /F	Lists all outstanding runners and checks for missing times; Defaults to current checkpoint when ",%" omitted.
Holding	/H,% /H	Lists runners currently at checkpoint %; defaults to current checkpoint when ",%" omitted.
Incoming	/I,% /I,%,N /I	Lists next ten runners inbound to checkpoint %; Lists next "N" runners inbound to checkpoint %; "N" is user defined; defaults to current checkpoint when ",%" omitted.
Pending arrivals	/P,% /P[D],% /P	Lists no. of runners not reported into checkpoint % and not DNF; Total number outstanding and adds individual runner numbers; defaults to current checkpoint when ",%" omitted.
Temperature	TEMP	Lists temperatures reported at checkpoints
	Temp=XX	Enters temperature at current checkpoint

Wasatch 100 RACE & W100 Database Commands

Wasatch 100 Packet Nodes

Depending where you are located, you can connect through any node to the RACE database when the node is on the air. The training database, W100, is on line during the summer to provide training time for checkpoint operators. Use this time to become familiar with the system and learn the variety of commands. If you do find a problem, please contact Kirk Boman, KD0J, with the details and circumstances. RACE is the actual database for the race.

Node	Frequency	Practice	Race	Comments
PEAK	145.050	◇	◇	This node is permanently located at Ensign Peak. Once connected to PEAK type MH to check transmit deviation. This node is ideal for training access to the database by stations in the Salt Lake Valley.
CLAY	144.910 145.530	◇ ◇	◇ ◇	These nodes, located in the SL Valley for practice, are placed temporarily at Clayton Peak shortly before and retrieved shortly after the Wasatch 100.
MDELL	144.970	◇	◇	This node is permanently located at Mountain Dell Golf Course
ISLAND	144.930	◇	◇	This node is permanently located on Antelope Island.
LEWIS	144.990		◇	This node is permanently located on Lewis Peak west of Coalville.

Wasatch 100 Web Information

Wasatch 100 Packet Operations	www.wasatch100.com/communications
Wasatch 100 Endurance Run	www.wasatch100.com

Used and updated by permission from Richard Evans N7PCE

Wasatch 100 RACE & W100 Database Commands

System Specific Commands (W100 and RACE)		
Function	Syntax	Meaning
Logoff	BYE B	Logs out of current checkpoint and off of RACE
Changes to RACE (W100)	CHANGES	Describes changes to the RACE (W100) program since last year.
Connect to **RACE** (**W100**)	RACE (W100 for practice)	Connects to the RACE (W100) program for queries or in preparation to logon at a checkpoint
RACE command **help**	HELP H ?	Lists concise command syntax and descriptions.
System **Status**	STATUS	Returns event name, current time and date, race day, and highest runner number.
Send Message (**Tell**)	TELL Callsign (message) T Callsign (message)	Sends a message to call sign connected to RACE (W100)
	TELL * (message) T * (message)	Sends all stations connected to RACE (W100) a message
	TELL SYSOP (message) T SYSOP (message)	Sends SYSOP a message
	TELL % (message) T % (message)	Sends checkpoint % a message
USERS	USERS U	Lists users logged into RACE (W100) as checkpoints, and also other stations connected to RACE (W100)

Used and updated by permission from Richard Evans N7PCE

Wasatch 100 RACE & W100 Database Commands

Abbreviations and Symbols	
Callsign	Call sign including SSID
A	Argument value signifying all times
D	Time duration or span in hours – range 0 to 9, default is 2 hours, 0 queries for only
Name	Complete last name
Partial*	Partial last name – one or more letters followed by *
T	Local time in four digit military format – range 0000 to 2359
XX	Temperature in Fahrenheit – range 30 to 125 (whole numbers only)
#	Runner number – may be one, two or three digit number
###	Runner number – number must be three digits long, use leading zeros
%	Checkpoint letter designator
[]	Optional parameter – command results may differ if omitted
()	Required parameter
/	Command prefix
*	Wildcard used with some commands
,	Data entry field separator – either a comma or a period may be used.
.	The period does not substitute as the separator in other commands.
-	Separator for multiple runner data entry
C	DNF Code M=Medical Q=Quit T=Time ran out
W	Where was DNF'd runner transported to – 20 characters maximum
H	How was DNF'd runner transported – 20 characters maximum
Name	Runner last name
Partial	Runner partial last name, may be used with wildcard
?	Help screen
Help	Help screen

Used and updated by permission from Richard Evans N7PCE

Wasatch 100 RACE & W100 Database Commands

TNC Parameters		
TNC Command	Value	Comments
ACKPRIOR	ON	
AX25L2V2	ON	
BEACON	0	EVERY 0 in some TNCs
DEADTIME	30	300 ms - MFJ & TAPR TNCs only - equivalent to SLOTTIME
DWAIT	73	few modern TNCs have this command
FRACK	10	10 sec. TM-D700 default is 3. Change to 10.
MAXFRAME	1	
MONITOR	OFF	Suggest turning monitor off for ease of use.
MYCALL	CALL	TM-D700 users be sure to put in your call. "NOCALL" not accepted.
PACLEN	234	TM-D700 default is 128. Change to 234.
PERSIST	63	TM-D700 default is 128. Change to 63.
PPERSIST	ON	not on all TNCs
RESPTIME	10	1.0 sec. TM-D700 default is 5. Change to 10.
RETRY	10	
SLOTS	4	MFJ TNCs only
SLOTTIME	30	300 ms – not on MFJ TNCs
TXDELAY	40	400 ms. TM-D700 default of 50 is fine.