E-OSMAC COMMAND CODES

Station Codes	Description
75	Individual valve codes
80	Control Codes

Codes	Description
75 10	Turns individual stations off (i.e. 75 10 01 02 40 - turn off stations 01,02 and 40)
75 11	Turns individual stations on (i.e. 75 11 01 02 40 - turns on stations 01,02 and 40) '
75 12	Syringe individual stations for a predetermined number of 30 second intervals already defined in the RDR-50 by an OTA command (i.e. 75 12 01 02 -turns on stations 01 and 02 for 30 second intervals.)
75 13	Disable individual stations (i.e. 75 13 01 03 - disables stations 01 and 03. After this command, on/off commands will not work for stations 01 and 03 until they are re-enabled.
75 14	Enable individual stations (i.e. 75 14 01 03 - enable stations 01 and 03).
75 15	Sequentially syringe stations. "From/Through" (i.e. 75 15 01 08 - Stations 01 turns on, then station 02 through 08 for preset Syringe Period) NOTE: Reference OTA command; (80 06 01) Sets the syringe time period
75 16	Sequentially syringe individual stations for a predetermined number of 30 second
75 17	Turn on individuals stations for a specified number of hours, minutes and seconds (i.e.) 75 17 01 30 00 23 24 25 -turns stations 23,24 and 25 on for 1 hour, 30 minutes and no seconds).
75 18	Turn on individual station for a specified number of minutes (i.e. 75 18 10 23 24 25 - turns on stations 23,24 and 25 for 10 minutes)
75 20	Turn off an increase or decrease sequential run, if one is running
75 21	Turns on an individual station, then allows you to toggle through the stations by using a * 1 (up one station) or *2 (Back one station). (i.e. 75 21 04: Turns on station 4 and then using (*l), station 4 turns off and station 5 turns on.
75 24	Energize individual stations as switches, i.e., do not simultaneously energize the pump (unless an irrigation station(s) is also energized) e.g., 7524253545
75 25	Turn on station as switches for the time in given minutes. The time follows the station code and the station numbers follow the time, for example, 75254205 will turn on stations 42 and 5 for 25 minutes, but the pump will not be energized.
75 26	Energize stations as switches for the time given in

	hours, minutes and seconds. The time follows commands code and station numbers follow the time, i.e., 752602303045464748
75 40	All stations off (i.e. 75 40 turns all stations off for the desired field unit).
75 41	All stations on (i.e. 75 41 - turns on all stations for the desired field unit).
75 42	De-energize all stations sequential shut down.
75 43	Disable all stations in the field unit (i.e. 75 43 - disables all stations in a field unit). After this command, simple on/off commands will not work for any stations until they are re-enabled).
75 44	Enable all stations in the field unit (i.e. 75 m44 enables all stations in a field unit)
75 46	Sequentially syringe all stations for a set length of time (i.e. 75 46 - turns on all stations for the predetermined number of 30 second intervals (as defined in the syringe time).
80 00	Disable pump start
80 01	Set pump start station (i.e. 80 01 08 sets station 8 to be the pump start station)
80 03 00	Disable and turn off all stations in the field satellite with sequential shutdown (i.e. 80 03 00 disables all stations)
80 03 01	Enable all stations in the RDR (i.e. 80 03 01 enables all stations. This is a duplication of 75 43.
80 04	Change password for accessing station command programming (i.e. 80 05 01 27 92 00 -changes the password from 753 1 to 1234)
80 06 01	Set the syringe time, in 30-second intervals, i.e., 80060 10 100 without a password, 8006ppppOlOO with, with set the syringe time to 100 intervals or 50 minutes. The number of intervals must be given as four digits, with leading zeros, but can be no greater than 255.
80 06 02	Set the time-out limit, in 30 minutes intervals. This **must be** specified using four digits with leading zeros, and be no greater than 255, i.e., 8006020060 without a password, or 8006ppppO20060 with, will set the time-out limit to 30 hours.
80 07 03	Password enable. Command 8007030 1 to require passwords with other station commands or 80070300 to cancel the requirement.
80 08	Configure as switches the stations following the command. Stations can be specified individually or in a range, and both specifications can occur in the same page, i.e., 8008011250-60 will configure stations 1,12, and 50 through 60 as switches. Note, only a single dash (-) character is used here.
80 09	Configure the station identified in the command for irrigation. Stations can be given individually or as a range in the same command, i.e., 80090 I-204546 will set stations 1 to 20 and also 45 and

	46 as irrigation stations.
80 11	Reset EPROM to factory defaults

**To initiate all commands from a hand-held radio, key
in the following sequence of commands:**

	*9	Address code	Command string	Appropriate station(s)
Example:	***9**	**002**	**7512**	**01, 09**

Operation; Turns stations 1 & 9 on, at satellite #2 for the
preset # of minutes already set at field satellite.

Additional hand-held key sequences

Codes	Description
*1 nn	Toggle up one station, or enter two-digit value to increase increment of toggle
*2 nn	Toggle down one station, or enter two-digit value to decrease increment of toggle
*4	Turns last station command off
*7	Make or answer a phone call
**	Hang up a phone call
*511	Toggle between call forward and command

Notes:

1. Invalid format or station commands are ignored
   by the field satellite.
2. The only commands that are affected by
   password protection are the 80 control
   commands.
3. When initiating codes from a hand-held radio,
   begin the string command beginning with *9.

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