



## Field Management System Twitter Feed

At the conclusion of each match, the Field Management System posts match results to a number of locations: the main arena Audience Screen, the Pit Display in the venue, HTML pages available from the Events section of the *FIRST* website (<http://www.usfirst.org/roboticsprograms/frc/regional-events>), and to Twitter.

Follow Field Management System tweets here: <http://twitter.com/frcfms>

The message that is encoded in the each tweet consists of fixed character field codes followed by variable length data. The format is as follows:

Fixed Field Code	Variable Data	Description	Example	Max Characters
#FRC	X	X is 2 to 10 characters immediately following the Field Code (no space between the code and the data) This field uniquely identifies the event for the 2012 year	#FRCArchimedes	10
TY	X	X is 1 character consisting of a P, Q or E P = Practice Q = Qualification E = Elimination	TY Q	1
MC	X	X is the match number	MC 100	3
RF	X	X is the Red Final Score	RF 320	3
BF	X	X is the Blue Final Score	BF 410	3
RA	X Y Z	X is Red Team 1 #, Y is Red Team 2 #, Z is Red Team 3 #	RA 1234 5678 8900	14
BA	X Y Z	X is Blue Team 1 #, Y is Blue Team 2 #, Z is Blue Team 3 #	BA 1234 5678 8900	14
RB	X	X is the Red Bridge Points	RB 10	2
BB	X	X is the Blue Bridge Points	BB 10	2
RFP	X	X is the Red Foul Points (sum of foul and technical foul)	RFP 0	2
BFP	X	X is the Blue Foul Points (sum of foul and technical foul)	BFP 0	2
RHS	X	X is the Red Hybrid Basket Points	RHS 0	2
BHS	X	X is the Blue Hybrid Basket Points	BHS 0	2
RTS	X	X is the Red Teleop Basket Points	RTS 0	3
BTS	X	X is the Blue Teleop Basket Points	BTS 0	3
CP	X	X is the Coopertition Points (0, 1, or 2)	CP 0	1

Example tweet:

#FRCArchimedes TY Q MC 100 RF 320 BF 410 RA 1234 5678 8900 BA 1234 5678 8900 RB 10 BB 10 RFP 0 BFP 0 RHS 0 BHS  
0 RTS 0 BTS 0 CP 0

2012 FRC Event List	
Event_Name	Event_Code
Alamo Regional	STX
BAE Systems Granite State Regional	NH
Greater Kansas City Regional	KC
Hatboro-Horsham FIRST Robotics District Competition	PAH
Kettering University FIRST Robotics District Competition	GG
Gull Lake FIRST Robotics District Competition	MIGL
Smoky Mountains Regional	TN
San Diego Regional	SDC
Israel Regional	IS
Autodesk Oregon Regional	OR
Chesapeake Regional	MD
Chestnut Hill FIRST Robotics District Competition	PHL
Finger Lakes Regional	ROC
Greater Toronto East Regional	ON
Lake Superior Regional	DMN
Orlando Regional	FL
Pittsburgh Regional	PIT
Traverse City FIRST Robotics District Competition	GT
Waterford FIRST Robotics District Competition	OC1
WPI Regional	WOR
Rutgers University FIRST Robotics District Competition	NJ
Bayou Regional	LA
Boilermaker Regional	IN
Detroit FIRST Robotics District Competition	DT
Festival de Robotique FRC a Montreal Regional	QC
Los Angeles Regional	CA
Peachtree Regional	GA
Sacramento Regional	SAC
Utah Regional co-sponsored by NASA and Platt	UT
Virginia Regional	VA
West Michigan FIRST Robotics District Competition	MI
New York City Regional	NY
Arizona Regional	AZ
Boston Regional	MA
Hawaii Regional sponsored by BAE Systems	HI
Buckeye Regional	OH
Colorado Regional	CO

Lenape FIRST Robotics District Competition	NJT
Midwest Regional	IL
Niles FIRST Robotics District Competition	SWM
Northville FIRST Robotics District Competition	WCA
Palmetto Regional	SC
Seattle Cascade Regional	WA2
Seattle Olympic Regional	WA
St. Louis Regional	MO
Waterloo Regional	WAT
Wisconsin Regional	WI
Dallas East Regional sponsored by jcpenney	DA
Dallas West Regional sponsored by jcpenney	DA2
Greater Toronto West Regional	ON2
Livonia FIRST Robotics District Competition	WW
Minnesota 10000 Lakes Regional	MN
Minnesota North Star Regional	MN2
Mount Olive FIRST Robotics District Competition	NJF
Northeast Utilities FIRST Connecticut Regional	CT
Oklahoma Regional	OK
SBPLI Long Island Regional	LI
Silicon Valley Regional	SJ
South Florida Regional	SFL
Troy FIRST Robotics District Competition	OC
Washington DC Regional	DC
Central Valley Regional	CAF
Las Vegas Regional	NV
Lone Star Regional	TX
North Carolina Regional	NC
Queen City Regional	OHC
Spokane Regional	WAS
Mid-Atlantic Robotics FRC Region Championship	PA
Michigan FRC State Championship	GL
FIRST Championship - Archimedes Division	Archimedes
FIRST Championship - Curie Division	Curie
FIRST Championship - Galileo Division	Galileo
FIRST Championship - Newton Division	Newton
FIRST Championship	CMP