



*Bardac  
drives*

2018  
CALENDAR

  
*Red Dragon*  
Kent Island

WINNING  
PERFORMANCE

Competitors in Round The World ocean races face months of arduous conditions in treacherous, unforgiving seas.



*Ideal for harsh, wet, and dirty environments, our NEMA 4X AC drives are sealed to keep on running when the going gets tough.*

DECEMBER  
S M T W T F S  
1 2  
3 4 5 6 7 8 9  
10 11 12 13 14 15 16  
17 18 19 20 21 22 23  
24 25 26 27 28 29 30  
31

# January 2018

FEBRUARY  
S M T W T F S  
1 2 3  
4 5 6 7 8 9 10  
11 12 13 14 15 16 17  
18 19 20 21 22 23 24  
25 26 27 28

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 <i>Ring in the New Technology Day</i> New Year's Day	2	3	4	5	6
7	8	9	10	11	12	13
14	15 Martin Luther King Jr.'s Birthday	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

**Bardac**

40 Log Canoe Circle, Stevensville, Maryland 21666 USA +410-604-3400 [bardac.com](http://bardac.com) [driveweb.com](http://driveweb.com)



*drive.web technology provides total control in one homogeneous environment.*

*Sailing foiling catamarans requires absolute crew coordination.*

JANUARY  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28 29 30 31

# February 2018

MARCH  
 S M T W T F S  
 1 2 3  
 4 5 6 7 8 9 10  
 11 12 13 14 15 16 17  
 18 19 20 21 22 23 24  
 25 26 27 28 29 30 31

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2 Groundhog Day	3
4	5	6	7	8	9	10
11	12 Lincoln's Birthday	13	14 Love Your smarty Day Valentine's Day	15	16	17
18	19 President's Day	20	21	22 Washington's Birthday	23	24
25	26	27	28			




*drive.web speedy* achieves a level of process control that would seem impossible in a device smaller than your thumb.

Achieving the impossible, Matt Rutherford solo circumnavigated the Americas. He passed through the inhospitable, frozen Northwest Passage and rounded the notorious Cape Horn in his tiny, 27-foot boat.

FEBRUARY  
 S M T W T F S  
 1 2 3  
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 11 12 13 14 15 16 17  
 18 19 20 21 22 23 24  
 25 26 27 28

APRIL  
 S M T W T F S  
 1 2 3 4 5 6 7  
 8 9 10 11 12 13 14  
 15 16 17 18 19 20 21  
 22 23 24 25 26 27 28  
 29 30

# March 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
<i>Spring forward with drive.web savings!</i>  Daylight Savings Begins @ 2am	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	<i>Make a clean start with drive.web</i>  First Day of Spring	28	29	30
31						

*Modern handicap racing systems ensure that older boats can remain competitive in the face of technological evolution.*



*Modern Bardac DC Drives bring improved performance and a new lease of life to any retrofit application.*



MARCH  
 S M T W T F S  
 1 2 3  
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 11 12 13 14 15 16 17  
 18 19 20 21 22 23 24  
 25 26 27 28 29 30 31

MAY  
 S M T W T F S  
 1 2 3 4 5  
 6 7 8 9 10 11 12  
 13 14 15 16 17 18 19  
 20 21 22 23 24 25 26  
 27 28 29 30 31

# April 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 <i>April Fool's Day - PLC User's Day</i>  Easter	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17 <i>drive.web Savings Day</i>  Tax Day	18	19	20	21
22 <i>Go Bardac Drives - save energy!</i>  Earth Day	23	24	25	26	27	28
29	30					

The AC50, manned by Oracle Team USA, is among the fastest boats in the America's Cup, capable of achieving speeds of 54 knots (62 mph).



P2 Series vector drives with *drive.web* smarts are ideal for high performance coordinated systems.

APRIL  
S M T W T F S  
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8 9 10 11 12 13 14  
15 16 17 18 19 20 21  
22 23 24 25 26 27 28  
29 30

# May 2018

JUNE  
S M T W T F S  
1 2  
3 4 5 6 7 8 9  
10 11 12 13 14 15 16  
17 18 19 20 21 22 23  
24 25 26 27 28 29 30

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4 <i>May the force of drive.web be with you!</i>	5 <i>drive.web Party Day</i>  Cinco De Mayo
6	7	8	9	10	11	12
13  Mother's Day	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28  Memorial Day	29	30	31		



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Precision timing for these J/35s at the race start line is essential to winning competitive international regattas.

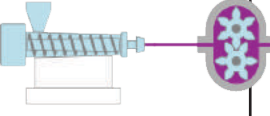
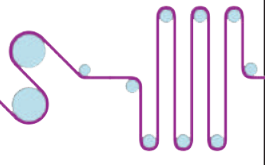




Precision timing in **smarty** automation controllers ensures accurate machine motion control.

MAY  
S M T W T F S  
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13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30 31

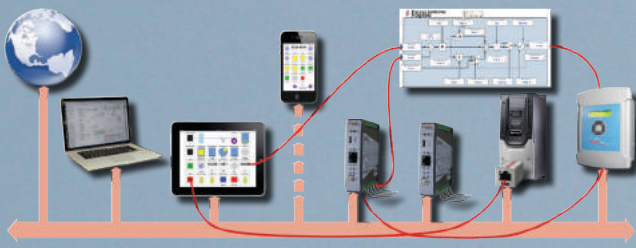
# June 2018

JULY  
S M T W T F S  
1 2 3 4 5 6 7  
8 9 10 11 12 13 14  
15 16 17 18 19 20 21  
22 23 24 25 26 27 28  
29 30 31

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
Father's Day				Flag Day  <i>savvy</i> Summer Solstice  First Day of Summer		
24	25	26	27	28	29	30

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In the highly dynamic world of coordinated drive systems, **drive.web** technology uses Ethernet for fast, peer-to-peer, device connectivity.



In the highly dynamic world of wind surfing, the sailor, sail, and board are intimately connected to ensure the ultimate performance.

JUNE

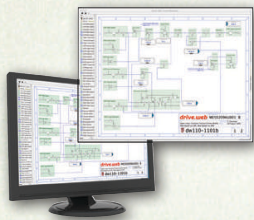
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

# July 2018

AUGUST

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4 Independence Day	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27 <i>savvy Engineer's Day (call for a commemorative cap)</i>	28
29	30	31				



The *drive.web savvy* Signal Flow Diagram tools keep you close to your system.

The Governor's Cup at dawn; the fleet still close together after a night at sea.





JULY  
 S M T W T F S  
 1 2 3 4 5 6 7  
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 15 16 17 18 19 20 21  
 22 23 24 25 26 27 28  
 29 30 31

SEPTEMBER  
 S M T W T F S  
 1  
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 9 10 11 12 13 14 15  
 16 17 18 19 20 21 22  
 23 24 25 26 27 28 29  
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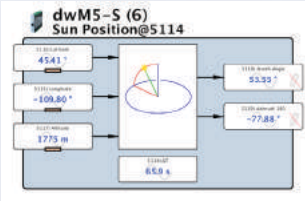
# August 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18 <i>drive.web Innovation Day</i>
19	20	21	22	23	24	25
26	27	28	29	30	31	

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*drive.web* free online training seminars help guide engineers into 21st century automation concepts.



Rodion Luka, Olympic medalist, captains the Ocean Tec L30 while training students on the Kiev Reservoir.



AUGUST  
 S M T W T F S  
 1 2 3 4  
 5 6 7 8 9 10 11  
 12 13 14 15 16 17 18  
 19 20 21 22 23 24 25  
 26 27 28 29 30 31

# September 2018

OCTOBER  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28 29 30 31

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3 Labor Day	4	5	6	7	8
9 <i>drive.web Advantage Day</i>	10	11 Patriot Day	12	13	14	15
16	17	18	19	20	21	22 First Day of Autumn
23	24	25	26	27	28	29
30						

Designed to be the top of their class, **savvyPanel touch** operator stations provide an unprecedented, ergonomic machine interface.



Traditional Maryland Log Canoe Racing. In this extreme balancing act, the mizzen sail trimmer sits out on a stern "bumpkin" to get a clear view of the sails.



SEPTEMBER  
S M T W T F S  
1  
2 3 4 5 6 7 8  
9 10 11 12 13 14 15  
16 17 18 19 20 21 22  
23 24 25 26 27 28 29  
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# October 2018

NOVEMBER  
S M T W T F S  
1 2 3  
4 5 6 7 8 9 10  
11 12 13 14 15 16 17  
18 19 20 21 22 23 24  
25 26 27 28 29 30

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8 <i>drive.web</i> <i>Discovery Day</i> Columbus Day	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31 <i>Ghost of PLC Day</i> Halloween			

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Perseverance and tenacity at Bardac has ensured the evolution of distributed control, and has enabled *drive.web* technology to set the lead in next-generation intelligent control.



PIONEER in partnership with Greig City Academy



With great determination, the students and staff of the Greig City Academy in London restored the 1980s Admiral's Cup racer "Scaramouche" and sailed her to a successful completion of the challenging Fastnet race.

OCTOBER  
 S M T W T F S  
 1 2 3 4 5 6  
 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20  
 21 22 23 24 25 26 27  
 28 29 30 31

# November 2018

DECEMBER  
 S M T W T F S  
 1  
 2 3 4 5 6 7 8  
 9 10 11 12 13 14 15  
 16 17 18 19 20 21 22  
 23 24 25 26 27 28 29  
 30 31

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4 Daylight Savings Time Ends	5 <i>drive.web Industrial Revolution Day</i>	6 <i>Vote for drive.web!</i> Election Day	7	8	9	10
11 Veterans Day	12	13	14	15	16	17
18	19	20	21	22 Thanksgiving Day	23	24
25	26	27	28	29	30	

*Ice yachting presents racers with real challenges in the harsh environment.*



*Bardac NEMA 12 drives (up to 250 horsepower) provide the endurance and performance needed in tough industrial applications.*



NOVEMBER  
S M T W T F S  
1 2 3  
4 5 6 7 8 9 10  
11 12 13 14 15 16 17  
18 19 20 21 22 23 24  
25 26 27 28 29 30

# December 2018

JANUARY  
S M T W T F S  
1 2 3 4 5  
6 7 8 9 10 11 12  
13 14 15 16 17 18 19  
20 21 22 23 24 25 26  
27 28 29 30 31

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7 Pearl Harbor Remembrance Day	8
9	10	11	12	13	14	15
16	17	18	19	20	21 <i>drive.web</i> Winter Solstice First Day of Winter	22
23	24 Christmas Eve	25 Christmas	26 <i>Box for drive.web - save the world!</i>	27	28	29
30	31 New Year's Eve					



**Bardac**

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*AC Vector Drives  
1 - 400 HP*



*DC 4-Quad Regenerative Drives  
1 - 2000+ HP*

*General Purpose AC Drives  
1 - 30 HP*



*NEMA 4X Drives  
1 - 10 HP*



*Single Phase DC Regenerative Drives  
0.1 - 5 HP*

**Bardac** . . . smart drives & controls excellence

# drive.web . . . automation for savvy engineers



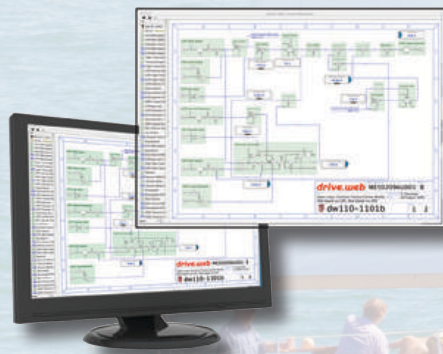
**speedy** embedded controllers



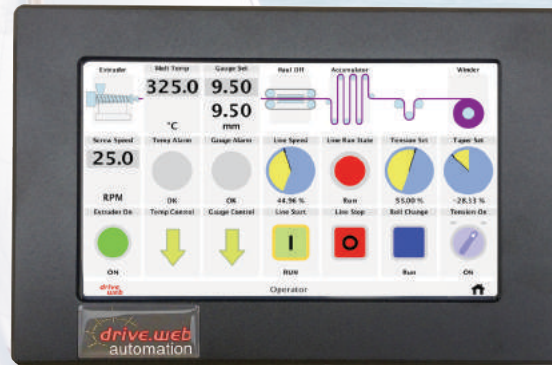
**drive.web** coordinated drive systems



**smarty** controllers with i/o



**savvy smart tools**  
configure, connect & control everything



**savvyPanel touch**  
smart displays



**savvyPanel**  
for iOS remote control



**Bardac**  
**drives**  
 smart drives  
 & systems

**drive.web**  
 automation  
 savvy automation  
 technology

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