

WEATHERFORD INTERNATIONAL PLC BANKRUPTCY CASE STUDY

FILED ON 07/01/2019



CreditRiskMonitor's warning of Weatherford International plc's ("Weatherford") bankruptcy risk was determined by a combination of factors:

Monthly Average FRISK® Score	Page 2
The FRISK® Score Components	3
Company Report Detail	4
FRISK® Deep Dive and Adjusted Market Cap Volatility	5
FRISK® Stress Index	6
Peer Analysis on Alternate Suppliers and Customers	7
Quarterly Performance Ratios	8
Quarterly Leverage Ratios	9
Quarterly Liquidity Ratios and Rates of Return	10
Annual Statement of Cash Flows	11
News Alerts: A Timeline of Concerning News Items	12
Management Discussion and Analysis	13
About This Report/Contact CreditRiskMonitor	14

MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's FRISK® score had been warning of financial stress at Weatherford International plc (OTC: WFTIQ) for more than a year.

We issued a <u>Blog Post</u>, dated 12/5/18, informing that the company's financial condition exhibited elevated financial risk and bankruptcy probability within the next 12 months.

The company ultimately filed for bankruptcy on July 1, 2019.

				2018						2019			
Business Name	J	A	S	0	N	D	J	F	M	Α	M	J	J
Weatherford International plc	3	2	2	1	1	1	1	1	2	2	1	2	2

BANKRUPT!

The FRISK® score is 96% accurate* in predicting the risk of corporate failure/bankruptcy over a 12-month horizon.

All FRISK® scores are recalculated every night for each subsequent 12-month period.

	EDICK®	Probability of bankru	ptcy within 12 months
	FKISK	From	То
Best	10	0.00%	0.12%
	9	0.12%	0.27%
	8	0.27%	0.34%
	7	0.34%	0.55%
	6	0.55%	0.87%
	5	0.87%	1.40%
	4	1.40%	2.10%
	3	2.10%	4.00%
	2	4.00%	9.99%
Worst	1	9.99%	50.00%

While the percentage risk of bankruptcy varies at each FRISK® score, 96% of public companies that eventually go bankrupt enter the FRISK® "red zone" prior to filing. A FRISK® score of 5 or less is an important warning sign.

^{*} FRISK® score accuracy of 96% is based on backtesting of U.S. public companies; results may vary by country.

THE FRISK® SCORE COMPONENTS

At the core of the CreditRiskMonitor process is our 96% accurate FRISK® score, which indicates a company's level of financial stress on a scale of 1 to 10, based on the probability of bankruptcy over a 12-month horizon. When available, the FRISK® score incorporates a number of powerful risk indicators including:

A "Merton" type model using stock market capitalization and volatility

Financial ratios, including those used in the Altman Z"-Score Model Bond agency ratings from Moody's, Fitch, DBRS, & Morningstar

Crowdsourced CreditRiskMonitor Usage Data

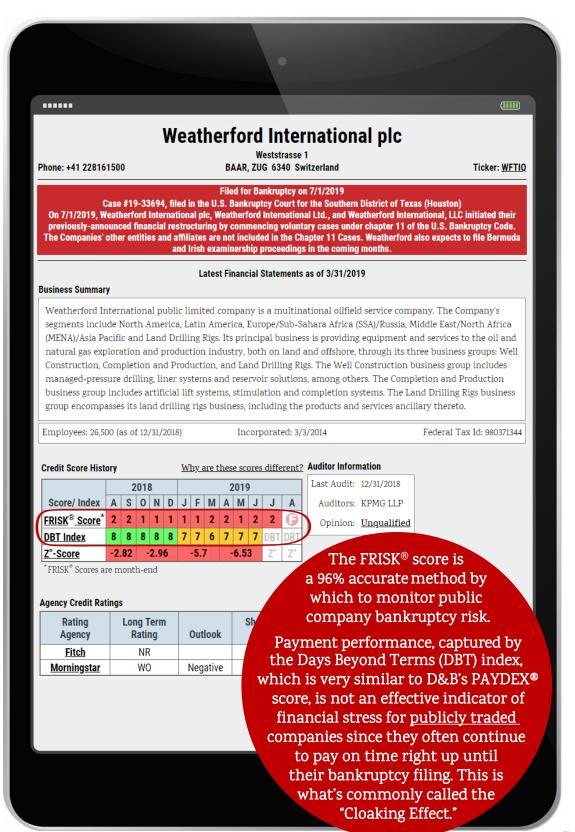
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

The crowdsourcing advantage is even more powerful in our FRISK® score since many of the professionals who use our service are credit managers:

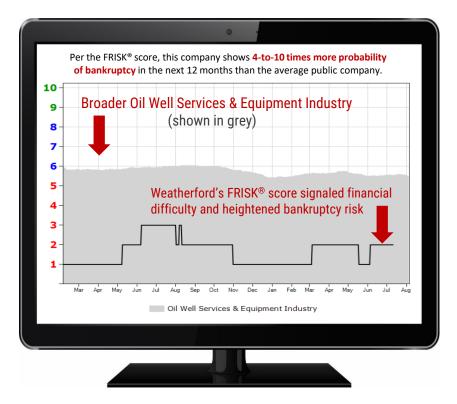
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent nondisclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their own company's management and sales representatives to be alerted to concerns in a public company's performance
- It is commonly known credit managers confidentially share information with other credit managers, thus collectively, their behavior helps to provide advanced insight to financial problems in public companies

Read more in Credit Research Foundation's quarterly journal article, "Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"

COMPANY REPORT DETAIL



FRISK® DEEP DIVE



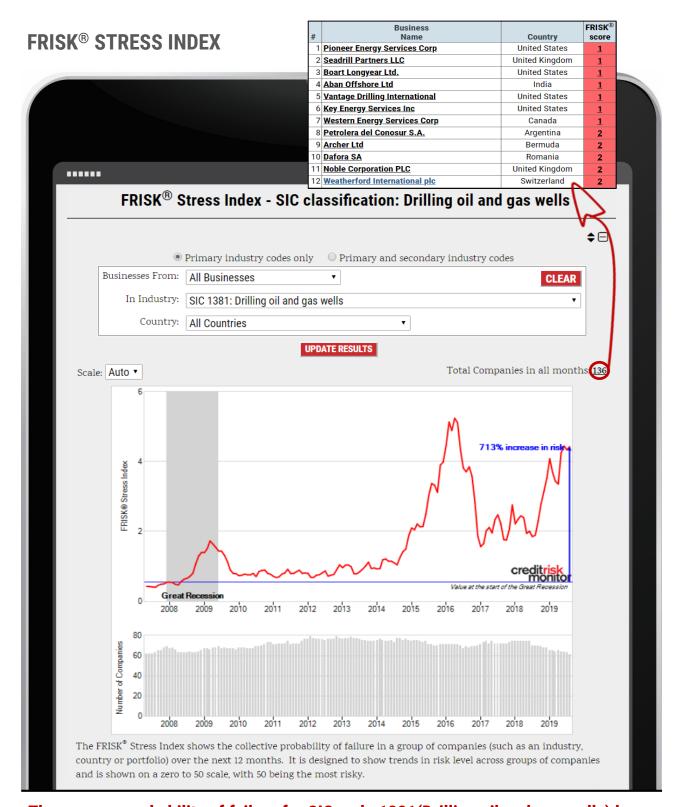
The FRISK® score relative to the broader Oil Well Services & Equipment industry raised an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

ADJUSTED MARKET CAP VOLATILITY

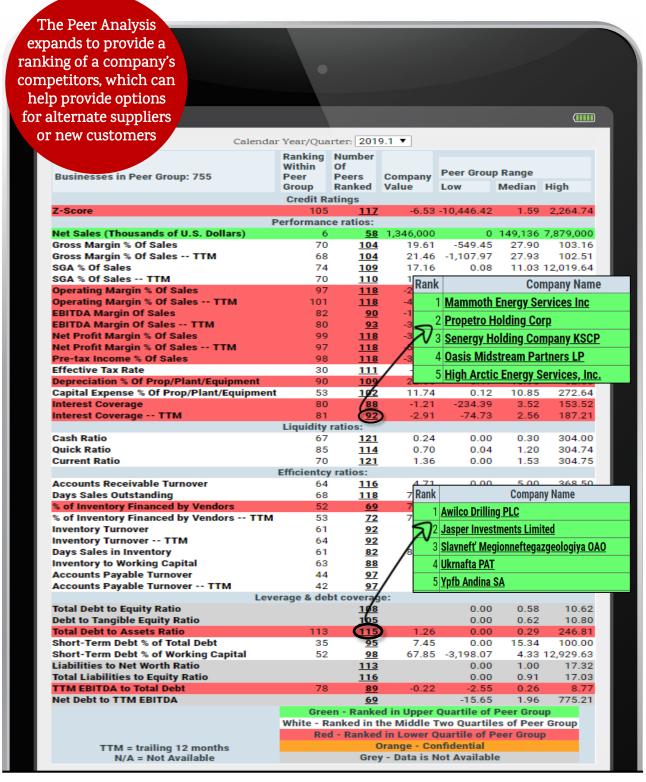


One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they face since stocks tend to be more liquid and faster moving than bond prices and ratings.



The average probability of failure for SIC code 1381(Drilling oil and gas wells) has increased 713% since 2007. Weatherford was among the weakest names in the industry as evidenced by its FRISK® score of 2.

PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



Weatherford demonstrated bottom quartile ranking in key financial ratios (shown in red) versus its industry peers.

QUARTERLY PERFORMANCE RATIOS

Operating and net losses in each of the last five fiscal quarters

Interest coverage ratio turns negative & negative free cash flow

Performance Ratios - Sequential Quarters (Thousands of U.S. Dollars)

	(Thousands	or o.s. Donars)			
Period Ended	3 mos 3/31/2019	3 mos 12/31/2018	3 mos 9/30/2018	3 mos 6/30/2018	3 mos 3/31/2018
Net Sales \$	\$1,346,000	\$1,429,000	\$1,444,000	\$1,448,000	\$1,423,000
% change	-5.81%	-1.04%	-0.28%	1.76%	-4.50%
Gross Margin \$	\$264,000	\$308,000	\$339,000	\$305,000	\$278,000
% change	-14.29%	-9.14%	11.15%	9.71%	45.55%
% of sales	19.61%	21.55%	23.48%	21.06%	19.54%
change as % of incremental sales	n/m	n/m	n/m	108.00%	n/m
SG&A \$	\$231,000	\$202,000	\$223,000	\$233,000	\$236,000
% change	14.36%	-9.42%	-4.29%	-1.27%	-12.27%
% of sales	17.16%	14.14%	15.44%	16.09%	16.58%
change as % of incremental sales	n/m	n/m	n/m	-12.00%	n/m
Operating margin \$	(\$301,000)	(\$1,959,000)	(\$13,000)	(\$73,000)	(\$73,000)
% change	84.64%	-14,969.23%	82.19%	0.00%	95.81%
% of sales	-22.36%	-137.09%	-0.90%	-5.04%	-5.13%
change as % of incremental sales	n/m	n/m	n/m	0.00%	n/m
EBITDA \$	(\$187,000)	(\$1,837,000)	\$114,000	\$65,000	\$65,000
% change	89.82%	-1,711.40%	75.38%	0.00%	104.23%
% of sales	-13.89%	-128.55%	7.89%	4.49%	4.57%
change as % of incremental sales	n/m	n/m	n/m	0.00%	n/m
EBIT \$	(\$310,000)	(\$1,974,000)	(\$14,000)	(\$79,000)	(\$82,000)
% change	84.30%	-14,000.00%	82.28%	3.66%	95.25%
% of sales	-23.03%	-138.14%	-0.97%	-5.46%	-5.76%
change as % of incremental sales	n/m	n/m	n/m	12.00%	n/m
Pre-tax income \$	(\$465,000)	(\$2,142,000)	(\$172,000)	(\$233,000)	(\$210,000)
% change	78.29%	-1,145.35%	26.18%	-10.95%	88.78%
% of sales	-34.55%	-149.90%	-11.91%	-16.09%	-14.76%
change as % of incremental sales	n/m	n/m	n/m	-92.00%	n/m
Net income (loss) \$	(\$481,000)	(\$2,103,000)	(\$199,000)	(\$264,000)	(\$245,000)
% change	77.13%	-956.78%	24.62%	-7.76%	87.36%
% of sales	-35.74%	-147.17%	-13.78%	-18.23%	-17.22%
change as % of incremental sales	n/m	n/m	n/m	-76.00%	n/m
Tax expense \$ Effective tax rate	\$12,000 -2.58%	(\$46,000) 2.15%	\$22,000 -12,79%	\$26,000 -11,16%	\$32,000 -15,24%
Depreciation expense \$					
% of sales	\$123,000 9.14%	\$137,000 9.59%	\$128,000 8.86%	\$1 44,000 9.94%	\$1 47,000 10.33%
% of capital expenses	9.14% 192.19%	9.59% 147.31%	216.95%	9.94% 276.92%	358.54%
% of PP&E, net (annualized)	22.56%	25.83%	23.12%	23.74%	22.24%
Capital expenditures \$	\$64,000	\$93,000	\$59,000	\$52,000	\$41,000
% change	-31.18%	57.63%	13.46%	26.83%	-48.75%
% of PP&E, net (annualized)	-31.16% 11.74%	17.53%	10.65%	20.83% 8.57%	6.20%
% of working capital (annualized)	24.95%	28.83%	16.14%	13.79%	10.34%
Interest coverage ratio	(1.21)	(10.93)	0.72	0.42	0.44
% change	88.97%	-1,615.52%	70.93%	-3.23%	104.31%
	30.57/0		(\$91,000)	(\$182,000)	(\$226,000)
Free cash flow S	(\$313,000)	\$12,000			
Free cash flow \$	(\$313,000) -2 708 33%	\$12,000 113 10%			
% change	-2,708.33%	113.19%	50.00%	19.47%	-1,512.50%

QUARTERLY LEVERAGE RATIOS

Negative tangible net worth suggested that the company had exhausted all of its loanable collateral

of protection from loss declined as the total debt to assets ratio worsened

Creditors' degree

Leverage Ratios - Sequential Quarters

(Thousands of U.S. Dollars)

	(Titodadilda	or o.s. Donars)			
Period Ended	3/31/2019	12/31/2018	9/30/2018	6/30/2018	3/31/2018
Total debt \$	\$8,218,000	\$7,988,000	\$8,022,000	\$7,929,000	\$7,792,000
% change	2.88%	-0.42%	1.17%	1.76%	1.34%
Stockholders' equity \$	(\$4,106,000)	(\$3,666,000)	(\$1,508,000)	(\$1,312,000)	(\$898,000)
% change	-12.00%	-143.10%	-14.94%	-46.10%	-57.27%
Tangible net worth \$	(\$4,610,000)	(\$4,592,000)	(\$4,332,000)	(\$4,149,000)	(\$3,866,000)
% change	-0.39%	-6.00%	-4.41%	-7.32%	-10.11%
Total assets \$	\$6,519,000	\$6,601,000	\$8,838,000	\$8,979,000	\$9,334,000
% change	-1.24%	-25.31%	-1.57%	-3.80%	-4.24%
Total debt to assets ratio	1.26	1.21	0.91	0.88	0.83
% change	4.17%	33.32%	2.79%	5.79%	5.82%
Tangible assets \$	\$6,015,000	\$5,675,000	\$6,014,000	\$6,142,000	\$6,366,000
% change	5.99%	-5.64%	-2.08%	-3.52%	-6.48%
Short-term debt \$	\$612,000	\$383,000	\$396,000	\$295,000	\$153,000
% change	59.79%	-3.28%	34.24%	92.81%	3.38%
Short-term debt % of total debt	7.45%	4.79%	4.94%	3.72%	1.96%
% change	55.32%	-2.87%	32.68%	89.47%	2.02%
Short-term debt % of working capital	67.85%	33.30%	27.67%	19.76%	10.05%
% change	103.73%	20.35%	40.05%	96.68%	11.86%
Total liabilities \$	\$10,625,000	\$10,267,000	\$10,346,000	\$10,291,000	\$10,232,000
% change	0	76%	0.53%	0.58%	-0.83%
Total debt to EBITDA ratio (annualized)	Sharp	increase	17.59	30.50	29.97
% change	·	-term det	-42.31%	1.76%	n/a
Source:		centage o		10-Q	10-Q
	_	ng capital.	0.1.0	8/9/2018	5/2/2018
		<u> </u>			

Such a drastic jump often proceeds a bankruptcy filing.

QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Working capital drastically declined	Liquidity Rati	os - Sequent				
Period Ended	3/31/2019	12/31/2018	9/30/2018	6/30/2018	3/31/2018	
Current assets \$	\$3,406,000	\$3,450,000	\$3,730,000	\$3,693,000	\$3,615,000	
% change	-1.28%	-7.51%	1.00%	2.16%	-6.78%	
% of short-term debt	556.54%	900.78%	941.92%	1,251.86%	2,362.75%	
Current liabilities \$	\$2,504,000	\$2,300,000	\$2,299,000	\$2,200,000	\$2,092,000	
% change	8.87%	0.04%	4.50%	5.16%	-6.19%	
Working capital \$	\$902,000	\$1,150,000	\$1,431,000	\$1,493,000	\$1,523,000	
% change	-21.57%	-19.64%	-4.15%	-1.97%	-7.59%	
% of sales (annualized)	16.75%	20.12%	24.77%	25.78%	26.76%	
Cash \$	\$598,000	\$602,000	\$393,000	\$415,000	\$459,000	
% change	-0.66%	53.18%	-5.30%	-9.59%	-25.12%	ш
% of short-term debt	97.71%	157.18%	99.24%	140.68%	300.00%	
Cash ratio	0.24	0.26	0.17	0.19	0.22	ш
% change	-8.75%	53.13%	-9.38%	-14.04%	-20.19%	
Quick assets \$	\$1,752,000	\$1,736,000	\$1,548,000	\$1,582,000	\$1,559,000	
% change	0.92%	12.14%	-2.15%	1.48%	-9.15%	
% of short-term debt	286.27%	453.26%	390.91%	536.27%	1,018.95%	
Quick ratio	0.70	0.75	0.67	0.72	0.75	
% change	-7.30%	12.10%	-6.37%	-3.50%	-3.16%	
Current ratio	1.36	1.50	1.62	1.68	1.73	
% change	-9.32%	-7.54%	-3.35%	-2.86%	-0.63%	
Source:	10-Q 5/10/2019	10-K 2/15/2019	10-Q 11/2/2018	10-Q 8/9/2018	10-Q 5/2/2018	

enerate y positive returns	Rate of Return	n - Sequenti sands of U.S. Dolla			
Period Ended	3 mos 3/31/2019	3 mos 12/31/2018	3 mos 9/30/2018	3 mos 6/30/2018	3 mos 3/31/2018
Return on total assets	-7.33%	-27.24%	-2.23%	-2.88%	-2.57%
% change	73.09%	-1,119.57%	22.52%	-12.27%	85.58%
Return on tangible assets	-8.23%	-35.98%	-3.27%	-4.22%	-3.72%
% change	77.13%	-999.00%	22.44%	-13.49%	84.41%
Source:	10-Q 5/10/2019	10-K 2/15/2019	10-Q 11/2/2018	10-Q 8/9/2018	10-Q 5/2/2018

ANNUAL STATEMENT OF CASH FLOWS

				_	
Negative					
eash from		•			
operating					
activities					
Statement of	of Cash Flo	ws - Annu	ıal - Stand	ardized	
		ds of U.S. Dolla			
	12 mos	12 mos	12 mos	12 mos	12 mos
Period Ended	12/31/2018	12/31/2017	12/31/2016	12/31/2015	12/31/2014
			Reclassified 12/31/2017	Reclassified 12/31/2017	
Cash Flows from Operating Activities:			12,01,2011	12/01/2017	
Net income	(\$2,791,000)	(\$2,793,000)	(\$3,373,000)	(\$1,951,000)	(\$539,000)
Depreciation/depletion	556,000	801,000	956,000	1,200,000	1,371,000
Deferred taxes	(79,000)	(25,000)	381,000	(448,000)	(66,000)
Non-cash Items	2,262,000	1,722,000	1,489,000	1,427,000	950,000
Changes in working capital	(190,000)	(93,000)	243,000	487,000	(753,000)
Total cash from operating activities	(242,000)	(388,000)	(304,000)	715,000	963,000
Cash Flows from Investing Activities:					
Capital expenditures	(245,000)	(484,000)	(214,000)	(690,000)	(1,455,000)
Other investing cash flow items, total	367,000	422,000	77,000	31,000	1,785,000
Total cash from investing activities	122,000	(62,000)	(137,000)	(659,000)	330,000
Cash Flows from Financing Activities:					
Financing cash flow items	(74,000)	(33,000)	(129,000)	(32,000)	(19,000)
Issuance/retirement of stock, net	0	0	1,071,000	0	22,000
Issuance/retirement of debt, net	242,000	53,000	119,000	35,000	(1,183,000)
Total cash from financing activities	168,000	20,000	1,061,000	3,000	(1,180,000)
Foreign exchange effects	(59,000)	6,000	(50,000)	(66,000)	(74,000)
Net change in cash	(11,000)	(424,000)	570,000	(7,000)	39,000
Net cash-beginning balance	613,000	1,037,000	467,000	474,000	435,000
Net cash-ending balance	\$602,000	\$613,000	\$1,037,000	\$467,000	\$474,000
Supplemental Disclosures:					
Cash interest paid	\$584,000	\$538,000	\$467,000	\$477,000	\$511,000
Cash taxes paid, supplemental	\$99,000	\$87,000	\$161,000	\$331,000	\$386,000
Auditor/Opinion:	KPMG LLP	KPMG LLP	KPMG LLP	KPMG LLP	Ernst & Young LLP
0	Unqualified	Unqualified	Unqualified	Unqualified	Unqualified
Source:	10-K	10-K	10-K	10-K	10-K
	2/15/2019	2/15/2018	2/15/2018	2/15/2018	2/18/2015

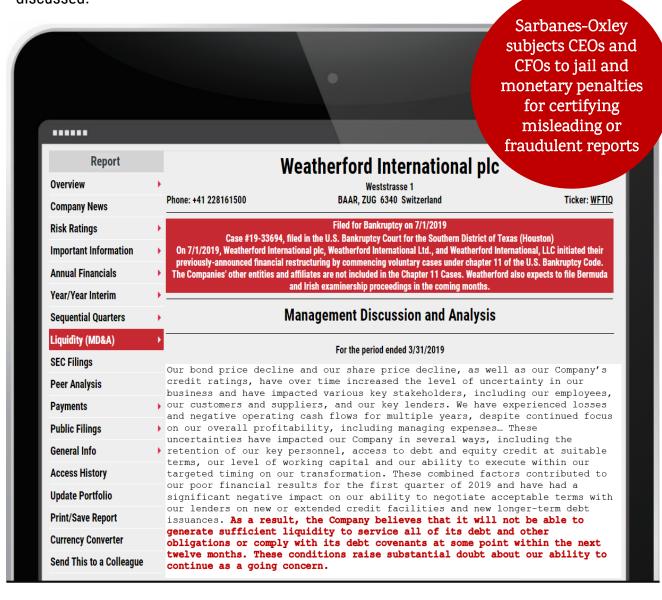
NEWS ALERTS: A TIMELINE OF CONCERNING NEWS ITEMS

For the Q2 2018 period last year		264 million widened versus the \$171 million net loss for the same
7/31/2018	CRMZ News Service	Weatherford International plc updated financials available
cash. 2019 wou		sture plan by selling its laboratory services group for \$205 million in tions. Noncore asset sales are oftentimes a financial distress red
10/22/2018	PRNewswire	Weatherford Announces Sale of Laboratory Services Business
Weatherford rep loss was \$708 i		million for the Q3 2018 period. The 6 month year-to-date period net
10/30/2018	CRMZ News Service	Weatherford International plc updated financials available
		pany's leveraged balance sheet and inability to consistently generate prices first sharply declined in 2014.
11/16/2018	CRMZ News Service	Weatherford International plc updated Morningstar rating available
Weatherford rec average share p fallen below \$1	eived notice from the Ne price compliance as requi .00 per share over a perio	w York Stock Exchange that the Company was not in minimum red by the NYSE. This was because the price of its ordinary shares had of 30 consecutive trading days.
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Weatherford red average share p fallen below \$1 12/14/2018 Net loss for the period last year 2/5/2019 A reverse stock 4/4/2019	peived notice from the Newsrice compliance as requinated as requinated as requinated as requinated as requirated. PRNewswire Q4 2018 period increased. CRMZ News Service split is a corporate action required as required.	w York Stock Exchange that the Company was not in minimum red by the NYSE. This was because the price of its ordinary shares had of 30 consecutive trading days. Weatherford Receives Notice from NYSE regarding Continued Listing Standard and to \$2.1 billion compared with net loss of \$1.9 billion for the same Weatherford International plc updated financials available on that often signals a company in distress. Weatherford International Says It Recommends Vote 'For' Approval Of A Reverse
Weatherford red average share p fallen below \$1 12/14/2018 Net loss for the period last year 2/5/2019 A reverse stock 4/4/2019	peived notice from the Newsrice compliance as requinated as requinated as requinated as requinated as requirated. PRNewswire Q4 2018 period increased. CRMZ News Service split is a corporate action required as required.	w York Stock Exchange that the Company was not in minimum red by the NYSE. This was because the price of its ordinary shares had of 30 consecutive trading days. Weatherford Receives Notice from NYSE regarding Continued Listing Standard and to \$2.1 billion compared with net loss of \$1.9 billion for the same Weatherford International plc updated financials available on that often signals a company in distress. Weatherford International Says It Recommends Vote 'For' Approval Of A Reverse Stock Split to implement a Restructuring Agreement through a "pre-packaged" U.S. chapter 11 and Irish examinership proceedings. Weatherford Reaches Agreement With Senior Noteholders On Terms Of
Weatherford red average share p fallen below \$1 12/14/2018 Net loss for the period last year 2/5/2019 A reverse stock 4/4/2019 Weatherford and Chapter 11 proc	PRNewswire CRMZ News Service Reuters Reuters CRMZ that it expected to file	w York Stock Exchange that the Company was not in minimum red by the NYSE. This was because the price of its ordinary shares had of 30 consecutive trading days. Weatherford Receives Notice from NYSE regarding Continued Listing Standard of the standard o

MANAGEMENT DISCUSSION AND ANALYSIS

One feature of the CreditRiskMonitor service is the ability to quickly access a Company's Management Discussion and Analysis (MD&A) history.

The MD&A represents the thoughts and opinions of management, and provides a forecast of future operations, and therefore these statements can't typically be falsified. According to the Financial Accounting Standards Board (FASB), "MD&A should provide a balanced presentation that includes both positive and negative information about the topics discussed."



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CreditRiskMonitor is a financial risk analysis and news service that helps credit, supply chain and financial professionals stay ahead of and manage risk quickly, accurately and cost effectively. More than 35% of the Fortune 1000, plus over a thousand other large corporations worldwide, rely on our financial risk coverage of over 58,000 global public companies.

CreditRiskMonitor Bankruptcy Case Studies provide post-filing analyses of public company bankruptcies. Our case studies educate subscribers about methods they can apply to assess bankruptcy risk using CreditRiskMonitor's proprietary FRISK® score, robust financial database and timely news alerts.

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Contact us at: 845.230.3000 creditriskmonitor.com/contact-us