

Financial Charting UIs

A unique perspective

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Designer (and former developer)

Worked primarily in the finance industry since 2004 on trading systems, research & analytics portals

- UBS Investment Bank - FX, Rates, Equities & Commodities
- HSBC Global Banking & Markets
- Lloyds Banking Group
- Centradia - Trading platform for a consortium of banks
- Thomson Reuters - Financial & Risk









Trader & Investor

Trading for 4+ years

- Day trading, Swing trading
- Indices, Commodities, Equities, FX, Cryptos
- CFD trading & spread-betting

Some trading results






1 day trading
8 trades
Returns of 8 - 39% per trade
Consecutive wins, no losses

 BUY OIL CFD	\$5,000.00	8261.73	60.52	29/03/2019 12:45:33	60.64	29/03/2019 13:03:09	\$991.41	19.83%
 BUY OIL CFD	\$5,000.00	8275.41	60.42	29/03/2019 12:16:53	60.47	29/03/2019 12:19:21	\$413.77	8.28%
 BUY OIL CFD	\$5,000.00	8313.93	60.14	29/03/2019 10:48:59	60.38	29/03/2019 12:13:43	\$1,995.34	39.91%
 BUY OIL CFD	\$5,000.00	8350.03	59.88	29/03/2019 08:35:30	60	29/03/2019 10:29:07	\$1,002.00	20.04%
 BUY OIL CFD	\$4,640.00	7777.41	59.66	28/03/2019 22:08:05	59.74	29/03/2019 03:10:58	\$622.19	13.41%
 BUY OIL CFD	\$3,755.00	6322.61	59.39	28/03/2019 18:06:16	59.53	28/03/2019 20:47:51	\$885.17	23.57%
 BUY OIL CFD	\$3,212.00	5429.34	59.16	28/03/2019 15:46:10	59.26	28/03/2019 17:31:06	\$542.93	16.90%
 SELL OIL CFD	\$1,000.00	1695.49	58.97	28/03/2019 15:05:27	58.84	28/03/2019 15:29:56	\$220.41	22.04%

2 days trading 90.81% return

\$2,358.27
P/L(\$)
(90.81%)

\$4,955.27
END VALUE

From : 15/04/2019 To : 22/04/2019	\$0.00 START VALUE	\$2,597.00 MONEY IN	\$0.00 MONEY OUT	\$2,358.27 P/L(\$) (90.81%)	\$4,955.27 END VALUE			
ACTION (22)	INVESTED	UNITS	OPEN	OPEN TIME	CLOSE	CLOSE TIME	P/L(\$)	P/L(%)
 BUY OIL CFD	\$3,000.00	4580.85	65.49	22/04/2019 03:19:35	65.55	22/04/2019 03:35:07	\$274.85	9.16%
 BUY OIL CFD	\$3,000.00	4601.23	65.20	22/04/2019 02:43:17	65.35	22/04/2019 03:14:45	\$690.18	23.01%
 BUY OIL CFD	\$3,000.00	4632.49	64.76	22/04/2019 01:54:47	64.78	22/04/2019 02:16:43	\$92.65	3.09%
 BUY OIL CFD	\$3,000.00	4641.81	64.63	22/04/2019 01:27:10	64.7	22/04/2019 01:44:08	\$324.93	10.83%
 BUY OIL CFD	\$3,000.00	4647.56	64.55	22/04/2019 01:13:56	64.62	22/04/2019 01:19:27	\$325.33	10.84%

1.5 hours
39.91% profit



BUY OIL

INVESTED			\$5,000.00
UNITS			8313.934154
LEVERAGE			X100
OPEN	29/03/2019 10:48		60.14
CLOSE	29/03/2019 12:13		60.38
P/L		39.91%	\$1,995.34

Various Daily Gains



CHANGE
TODAY

(145.27%)
+\$5,724.68



CHANGE
TODAY

(120.11%)
+\$4,733.27

1 day trading
345% gain (profit)
 starting amount of \$90

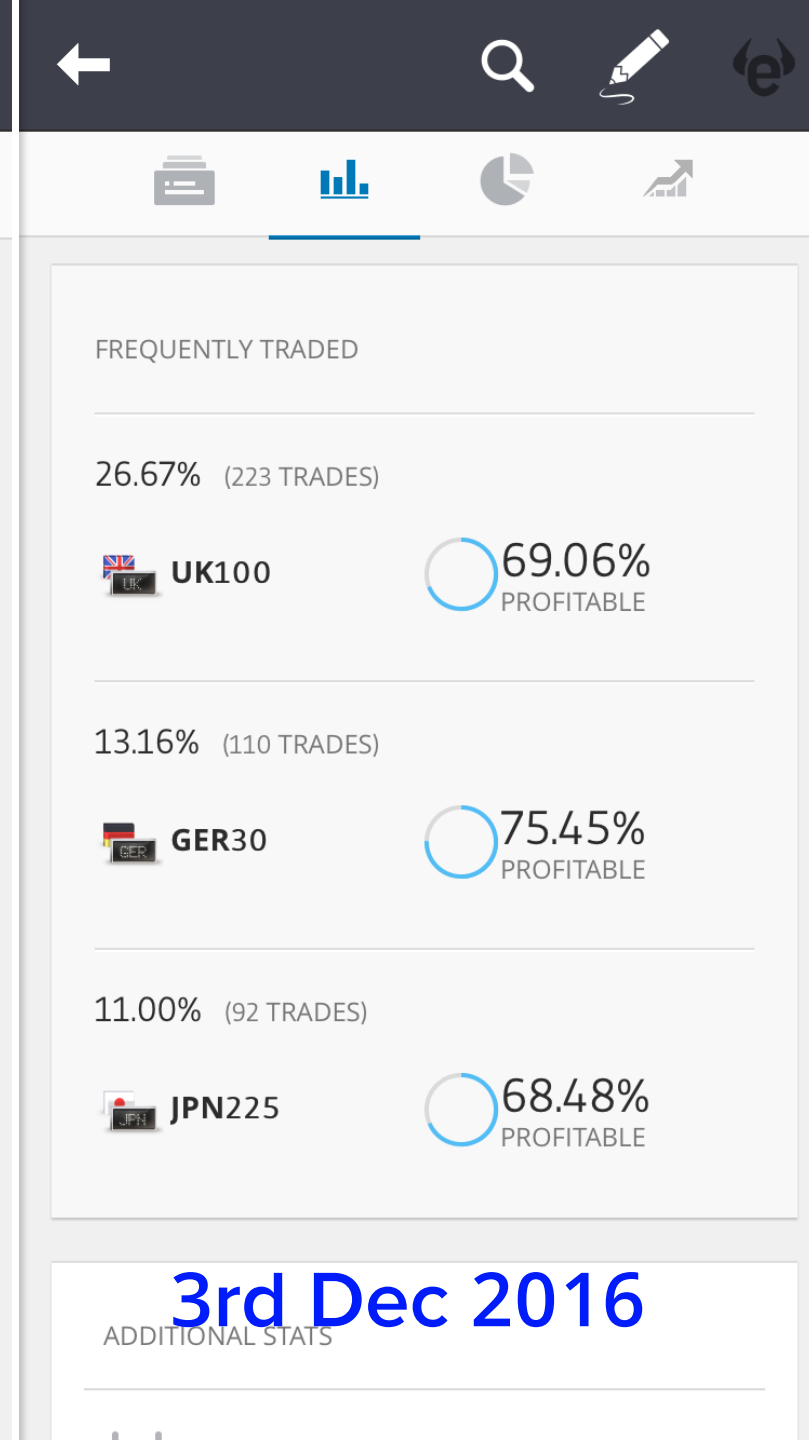
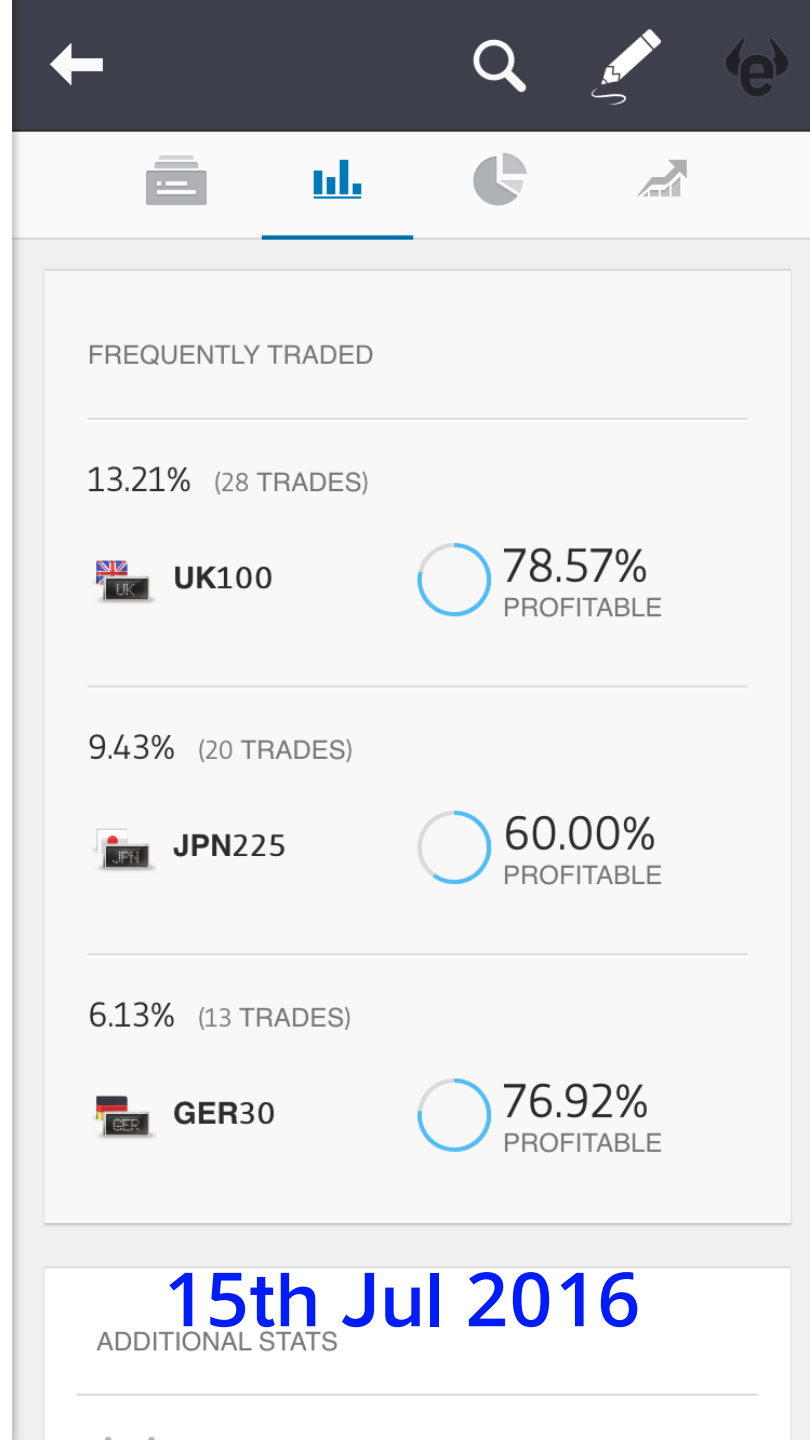


CHANGE
TODAY

(345.58%)
+\$311.06

ACTION (17)	INVESTED	UNITS	OPEN	OPEN TIME	CLOSE	CLOSE TIME	P/L(\$)	P/L(%)
BUY JPN225 CFD	\$348.00	174.24	22124.00	07/05/2019 00:38:16	22157.5	07/05/2019 00:46:41	\$52.67	15.14%
BUY JPN225 CFD	\$346.00	173.43	22096.50	07/05/2019 00:29:54	22098	07/05/2019 00:35:28	\$2.35	0.68%
BUY JPN225 CFD	\$333.00	167.16	22067.00	07/05/2019 00:07:07	22075	07/05/2019 00:26:37	\$12.07	3.62%
BUY OIL CFD	\$310.00	497.99	62.25	06/05/2019 23:03:19	62.28	06/05/2019 23:05:23	\$14.94	4.82%
SELL OIL CFD	\$314.00	502.00	62.55	06/05/2019 19:04:07	62.54	06/05/2019 19:10:13	\$5.02	1.60%
BUY JPN225 CFD	\$200.00	100.43	22088.00	06/05/2019 14:59:03	22099.5	06/05/2019 15:16:09	\$10.42	5.21%
BUY OIL CFD	\$200.00	326.05	61.34	06/05/2019 11:43:37	61.64	06/05/2019 12:40:31	\$97.82	48.91%
BUY OIL CFD	\$231.88	374.00	61.23	06/05/2019 11:08:00	61.16	06/05/2019 11:32:45	-\$26.18	-11.29%
BUY OIL CFD	\$135.82	222.66	60.63	06/05/2019 02:58:59	61.06	06/05/2019 10:42:41	\$95.74	70.49%
BUY OIL CFD	\$107.00	177.36	60.33	06/05/2019 02:42:59	60.49	06/05/2019 02:52:55	\$28.38	26.52%
BUY OIL CFD	\$90.00	148.59	60.57	06/05/2019 01:03:27	60.69	06/05/2019 01:14:38	\$17.83	19.81%

Performance Stats



My trading success is
**dependent on the tools
commonly offered within
interactive charts***

* Although obviously other factors come into play to affect trading ability and outcome

Real charting examples from past trades

Drawing tools are essential to establishing trend lines, supports and resistances.

Also helps establish ideal entry and exit points of a trade

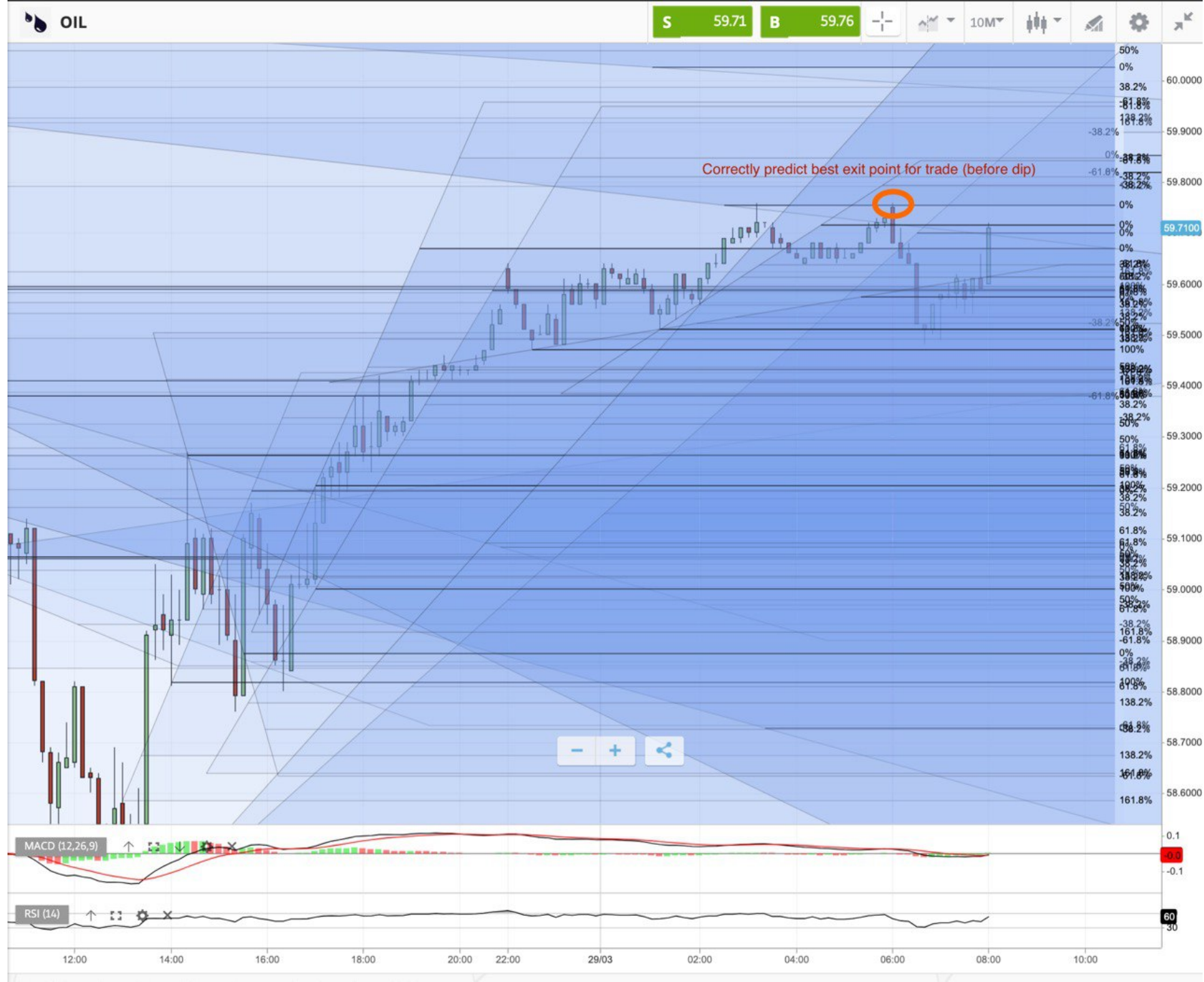


Predicting best exit point for a trade



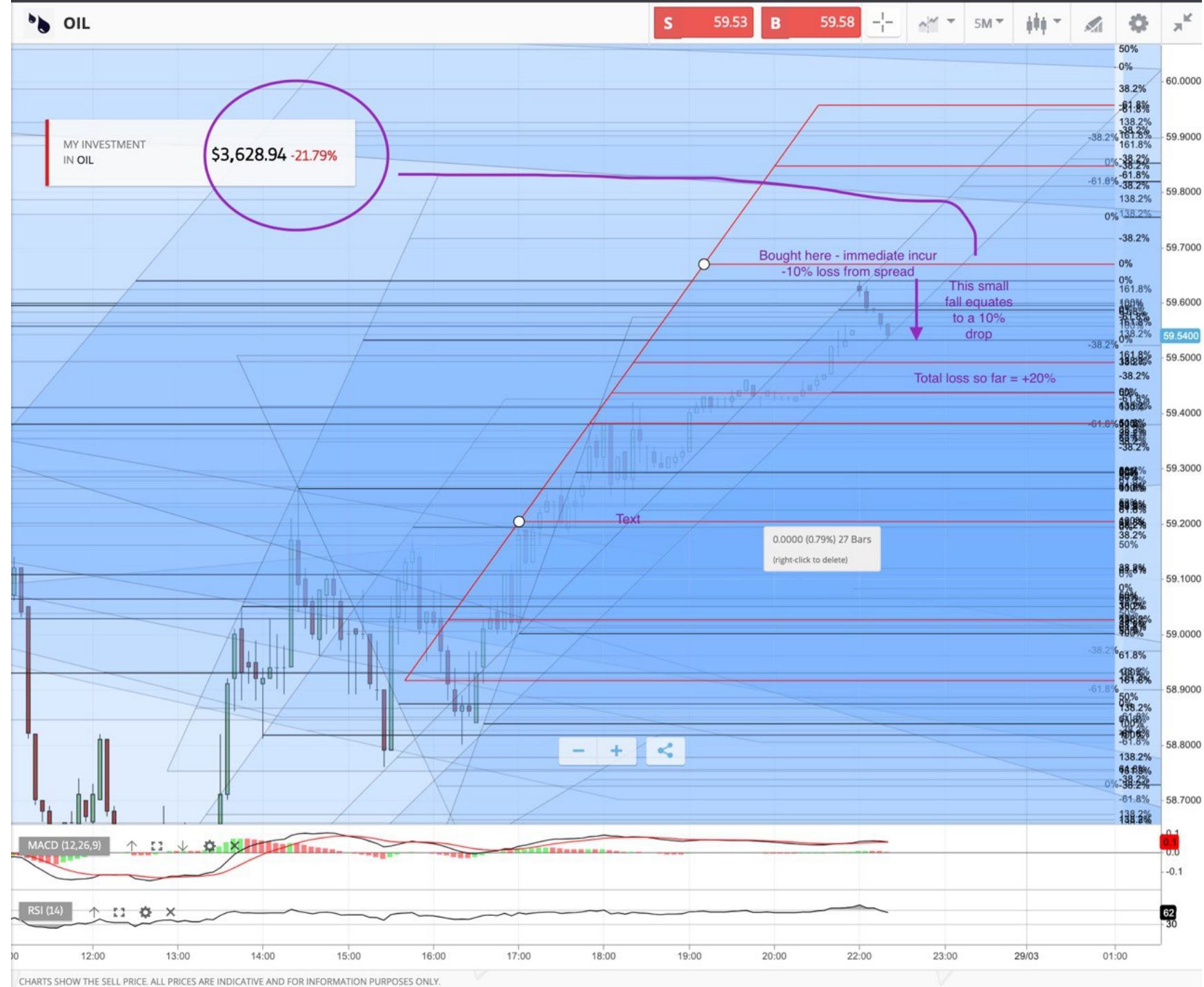
Lines, lines, and more lines...

Too many bloody lines resulting in a cluttered chart and becomes a hinderance



A trade not going so well

Ignored the RSI technical indicator signifying strong possibility that the price could fall





JPN225 | JPN225

21354.00 -46.00 (-0.21%)

PRICES BY ETORO, IN JPY | MARKET OPEN



Trade

Feed Stats Chart



Fibonacci Line & 50% retracement pattern

Establishes likely exit point after a sudden change in price

3 Charting UIs

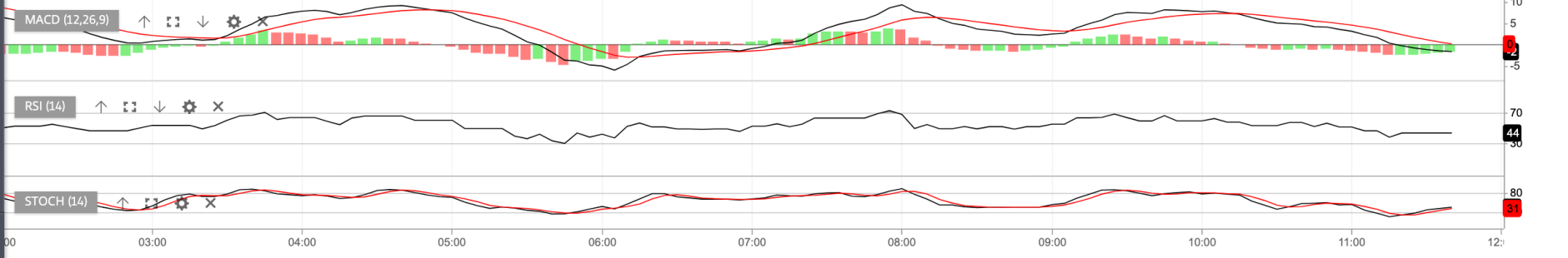
- Yoochy**
BRONZE
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MARKETS / INDICES / JPN225 (CFD)

JPN225 | JPN225
23450.50 75.00 (0.32%)
PRICES BY ETORO, IN JPY | MARKET OPEN

Trade

Feed Stats Chart



CHARTS SHOW THE SELL PRICE. ALL PRICES ARE INDICATIVE AND FOR INFORMATION PURPOSES ONLY.

Deposit Funds

LCG Trader Tools Preferences | Demo 3053489 · GBP 12 112.83 · CFD

Finder	Watchlists	Bid	Ask
oil			
Brent Cru...	+67.30 (+0.96%)	71.062	71.102
US Crud...	+114.10 (+1.80%)	64.397	64.437
Gas Oil A...	+31.00 (+0.50%)	626.4	627.4
Gas Oil ...	+36.00 (+0.58%)	628.6	629.6
Heating ...	+114.00 (+0.56%)	2.0550	2.0580
Brent Cru...	+61.00 (+0.87%)	70.912	70.942
US Crude	+107.70 (+1.70%)	64.356	64.386
Neste Oil...	+24.43 (+0.74%)	33.1314	33.1987
C.A.T. oil	+19.06 (+3.85%)	5.1456	5.3788
Africa Oil ...	-0.02 (-0.30%)	8.0600	8.1560
Tethys Oil	-1.95 (-2.41%)	79.0057	81.2952
Tullow Oil	+1.60 (+0.65%)	246.60	247.19
Chariot O...	+0.49 (+13.11%)	4.246	4.409
Falkland ...	0.00 (0.00%)	6.587	16.022
Hardy Oil...	0.00 (0.00%)	4.19	5.00
JKX Oil &...	+2.00 (+3.70%)	55.888	59.586
Nostrum ...	+2.70 (+3.04%)	91.4	92.0
Premier Oil	+2.93 (+2.94%)	102.59	103.15
Cabot oil ...	+67.00 (+2.56%)	26.81	26.85
Carrizo O...	+48.00 (+3.71%)	13.433	13.478
Imperial ...	+84.70 (+3.11%)	28.1200	28.1787
Marathon...	-11.00 (-0.62%)	17.5600	17.6046
Murphy Oil	+10.00 (+0.35%)	28.96	29.01
National ...	+13.00 (+0.46%)	28.29	28.33
Oil States...	+3.00 (+0.16%)	18.6400	18.6841



LCG Trader

Positions 3 | Orders 0 | History | Transactions

Created (UTC+1)	Margin	Market	Size	Direction	Entry	T/P	S/L	Funding	Points	Net	Gross	Close
20 Mar 2019 01:15:07....	8 004.54	Japan 225 (USD)	1.97 Lots	Buy	21566	—	—	-419.42	227	1 269...	1 688.75	21790
20 Mar 2019 01:14:53....	2 437.97	Japan 225 (USD)	0.6 Lots	Buy	21563	—	—	-127.76	230	400.36	528.12	21793
20 Mar 2019 01:12:50....	40.64	Japan 225 (USD)	0.01 Lots	Buy	21568	—	—	-2.11	225	6.50	8.61	21793

Balance: 12 112.83 | Equity: 13 789.02 | Margin: 10 483.15 | Free Margin: 3 305.87 | Margin Level: 131.54% | Smart Stop Out: 50.00% | Unr. Gross P&L: 2 225.48 | Unr. Net P&L: 1 676.19



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IG

Deal Order Alert

SELL 1702.2 BUY 1704.2

Size GBP(£) 5.5 per point min: 1

Stop Normal pts away min: 4

Limit pts away

Net off Force open

Margin Resulting position

View Key Information Document

Place deal

Notifications Tweets All

City A.M. @CityAM 11:47
Why Elon Musk is wrong to claim 250,000 orders for his Cybertruck dlvr.it/RKCVqE https://t.co/SHzkJSsghf

Bloomberg Markets @markets 11:47
#5things -Trade deal close.. -Next phase of impeachment inquiry - Central banks worried about central bank policy -M... twitter.com/i/web/status/1...

Bloomberg @business 11:47
"Bring it on." Elon Musk accepts Ford's challenge to do a truck tug-of-war bloom.bg/35Dzfrh (Video by... twitter.com/i/web/status/1...

Reuters @Reuters 11:46
Frozen harvest leaves bitter taste for U.S. sugar beet farmers reut.rs/3317oe9 https://t.co/Qa0fcV0J65

News & Analysis Signals

Market	Size	Opening	Latest	% Change	Stop	Limit	Points	Profit/Loss	Profit/Loss (GBP)	Close
Spot Silver	+5.5	1761.0	1702.2	-0.23	1656.4	1957.6	-58.8	-£323.40	-£323.40	Close

eToro

Walk-through

IG

Walk-through

Summary

Summary

UI Customisation

Allow dark and light modes

- Printing considerations

Custom chart colours

- Accommodate green-red colour-blind users

Accessibility

Summary

Functionality

Alerts - one of the best I've seen is on IG.

Printing

- print on white as default? (saves ink, more economical & ecologically friendly)

Chart display - aspect ratio

- Preserve aspect ratio or allow distortion of x & y axis scaling?
 - May result in user confusion of scale when price rises and falls

Summary

Functionality

Trading requires quick access to drawing and technical analysis tools - where screen real estate allows, it should be surfaced, not buried within layers of menus and sub-menus.

Any pop-out panels, dialogs must not obscure the chart area showing the latest price position in case it suddenly changes whilst the panel/pop-up is open.

Ability to remove all drawings at once and/or remove oldest 5 or 10 drawings

Summary

Functionality

Ability to display main news headlines relevant to the instrument for a selected candlestick, to help users determine potential triggers of particular price spikes or sudden falls. (Access to news archives) - more effective on desktop due to larger screen real estate

Summary

Mobile

Portrait orientation

- is important for charts with technical indicators
- shorter time frame displayed but allows user to see important technical indicators that appear beneath the main chart

Landscape orientation

- shows longer time frame, better for determining trends and movement patterns
- limited screen real estate means little to no room to show important technical indicators

Thank you