9.17

Hk stock trader

* Output to separate file (detailed)
* Take into account sell short
* Symbol is trading system name(hk27), ticker is IB name (27).

Fixes:

* Hk stocks need to be until 12pm.
* Pmhilo needs to stop at 13:30

Markets:

1. Pm failed to rally
2. System flipped short.
3. No move in the PM -> not much to do .
4. Only moved about 50 bps from open to close -> no profitability.
5. Focus on stocks where the swing is much higher.

US stock trader:

1. Test short selling

HK exchange+IB:

One price around 9:20 (can be before or after), then 9:30.

9:20 is the only price. Have to capture this, then trade from the first tick.

Study how prices come for US open.

**Hk27 didn’t get saved.** Pricemapbardetail has problem.

US:

Add JD, PDD, NIO, and analyses these tickers.

HK:

Screen for all high vol stocks. Trade them with HILO.

9.19:

**XU:**

**DECOMMISSION:**

futOpenTrader -> not good enough.

futOpenDeviationTrader -> not stable.

futHilo trader -> have to cancel before 9:30, not stable

IndexFirstTickTrader-> this one is gambling (first tick can do anything, not scalable)

**CHANGES MADE**

pmDeviationTrader -> force fill

openDeviationTrader -> force fill

**HK:**

1. IOC not allowed in HK. Orders rejected. Try to get guarantee fill by directly filling at the bid/ask..
2. Tencent not volatile enough. Want liquid markets with extreme volatility.
3. Too expensive : paying 0.2% each way. (0.0027% transaction levy + 0.005% trading cost + 0.1% stamp + 0.08% IB brokerage = 0.1877% one way. Need to be a 40 bps swing to make a trade worth while. 4 trades that is already 0.8% of notional )

**US:**

1. Try IOC, if doesn't work, fill directly on bid/ask, if doesn't fill, keep filling on bid/ask (imitate FOC)
2. Check commissions and costs.

US OPEN (9/19):

1. Short sell first tick first didn’t work (not even an error message, must output all to log).
2. Record all IB messages to log (Time, order ID, message) -> resolved:sending them all to logs
3. Write post cutoff liquidation US trader -> resolved. After cutoff, if positive pos, sell if below open.
4. What if there are position after 10:00?
5. Liquidation if after certain point:

* average cost liquidation.
* Manual open liquidation. (wrote 9/19)

**9.20**

1. thurs low vol.