

## Using Display Options (Securities)

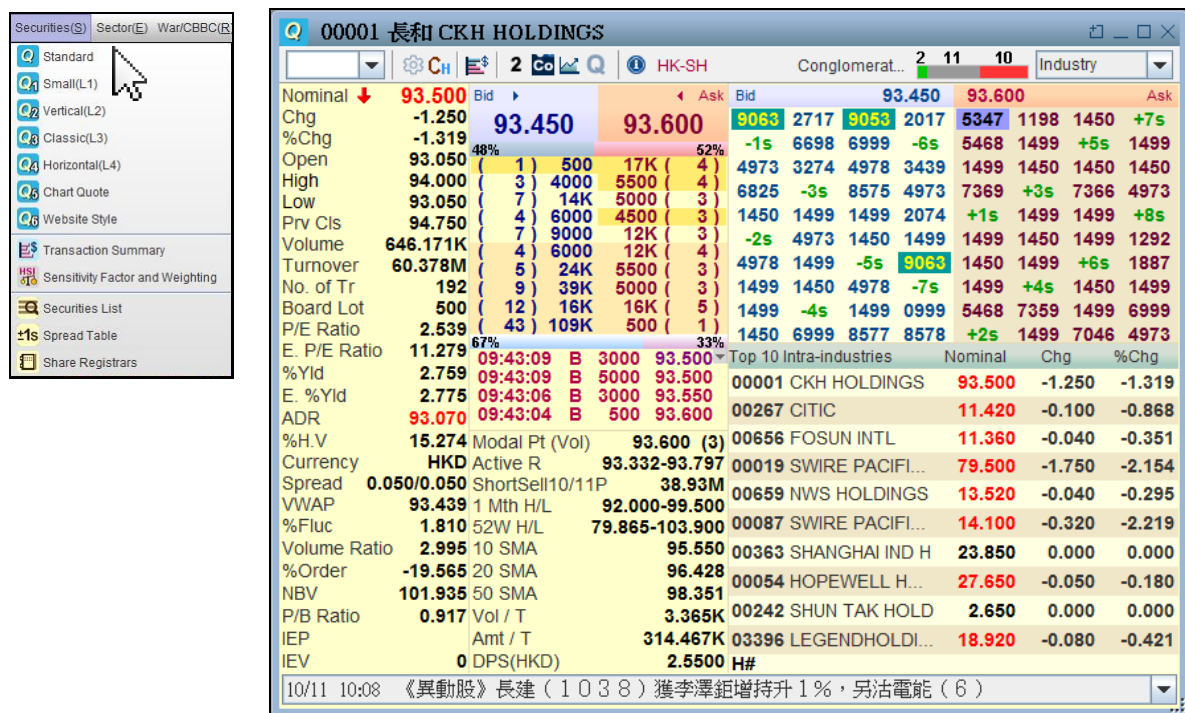
### 2.2 Securities

#### 2.2.1 Securities Quotation

Seven securities quotes are designed to fulfill different users' needs. Standard quote and chart quote are newly launched. Users can choose designated quote by clicking "Securities"

① Maximum number of windows open: **20**

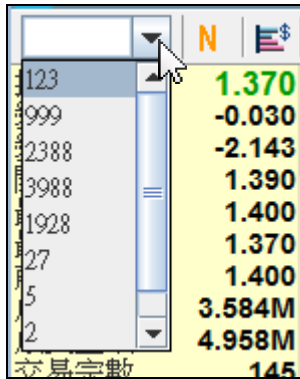
#### a.) Standard Quote



This is a display option that contains real-time trading information and some important analysis data for each individual security, including bid/ask, turnover, broker queue, 5 minutes chart and etc. Besides, event reminder, industry price up/down and other analysis data are newly added. User can switch to other functions by using the short-cut buttons.

## Using Display Options (Securities)

### Selecting Stock



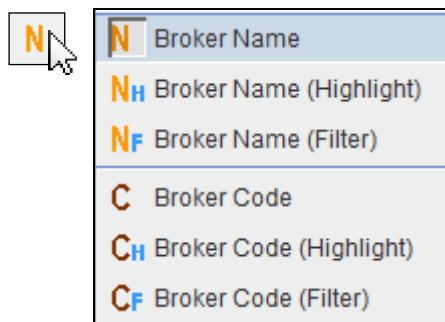
To obtain quotation information for a security, user can input the code into the combo box positioned at the upper left of the window. Searching the stock code by keywords of stock name in Chinese / English or by Hanyu pinyin is allowed as well. User can find the 15 recently searched securities from the combo box.

### Switching to other functions by short-cuts



Short-cut buttons include Switch Broker Display, Transaction Summary, Secondary Data, Company Info, Chart and Switching Quote Layout.

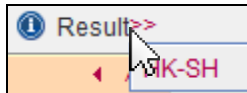
### Switching Broker Display



User can choose to display broker name or code in broker queue. Selecting “Broker Name (Highlight)” or “Broker Code (Highlight)” to emphasize the brokers selected in “Broker Filter Setup”. “Broker Name (Filter)” or “Broker Code (Filter)” display selected brokers in “Broker Filter Setup” only. For details of “Broker Filter Setup”, please refer to “Tools/Setup” section of “General Operation”.

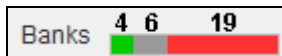
## Using Display Options (Securities)

### Event Reminder



Events, including ex-date, payable date, result announcement and dividend announcement, are added in the quote layout. If the stock is of special type, e.g. Southbound trading, AH share, Dual Tranche and Dual Counter, a label will be shown in Event Reminder.

### Industry Price Up/Down



It indicates the number and ratio of price up/down stocks within the related industry:

Red - price up

Green - price down

Grey - unchanged / inactive

### More Analytical Data

Analytical data, e.g. volume ratio, % order, short sell and etc., are added. To change the data displayed, users can right-click at anywhere on quote page and choose “Standard/L3 Layout Setup”.

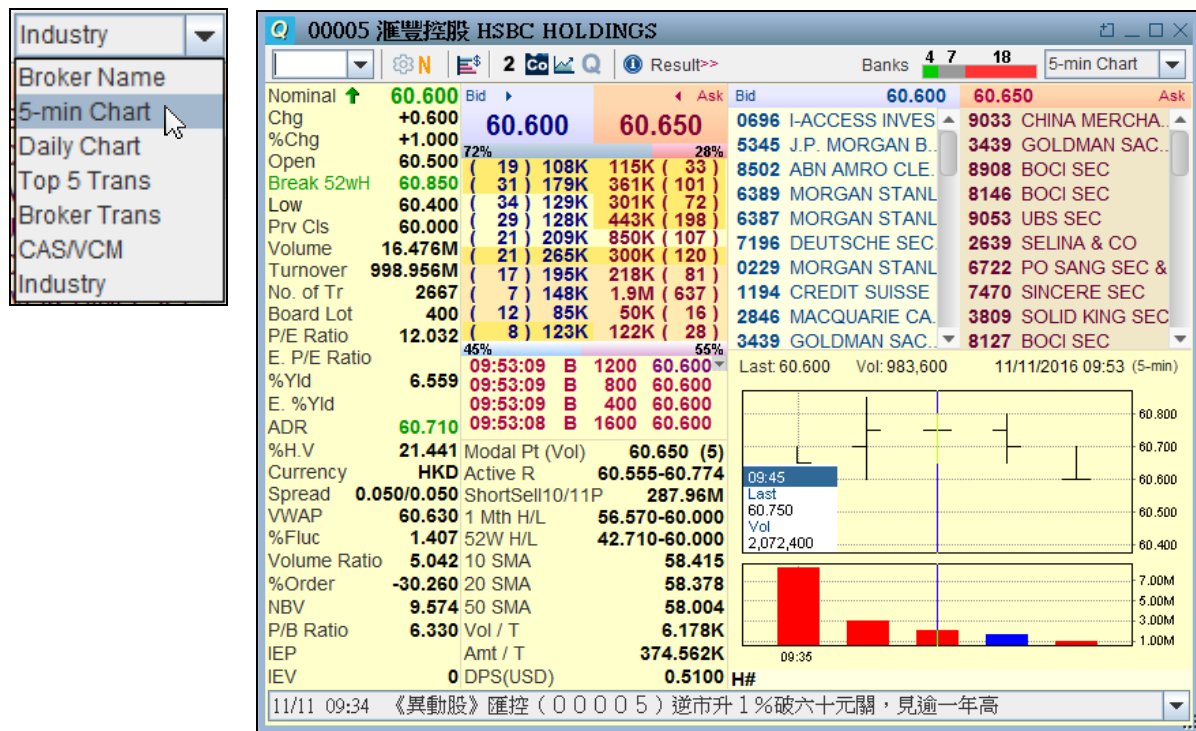
For details, please refer to “Tools/Setup” section of “General Operation”.

Data	Definition
ADR	If stock can be traded in US exchange as ADR, the price will be displayed on quote page. Otherwise, it will be replaced by listing price.
Volume Ratio	It compares past 5 day average volume for every minute. Greater than 1 indicates greater volume of that security and vice versa. Users can pay more attention if it is greater than 2.
% Order	It indicates the force between three best buy and sell orders. Positive value means stronger buying force and vice versa.

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Modal Point (Volume)	The Modal Point in a ProSticks bar represents the most heavily transacted price for the particular time interval. Modal Volume is the total volume associated with the Modal Point
Active Range	It allows users to identify where most of the trading for any time interval took place. The Active Range equals approximately 68 percent of the entire distribution.
Short Sell	HKEX announce the value of short sell twice a day after morning close and market close. It displays in mm/yy.

## Viewing 5-min Chart and Analytical Data

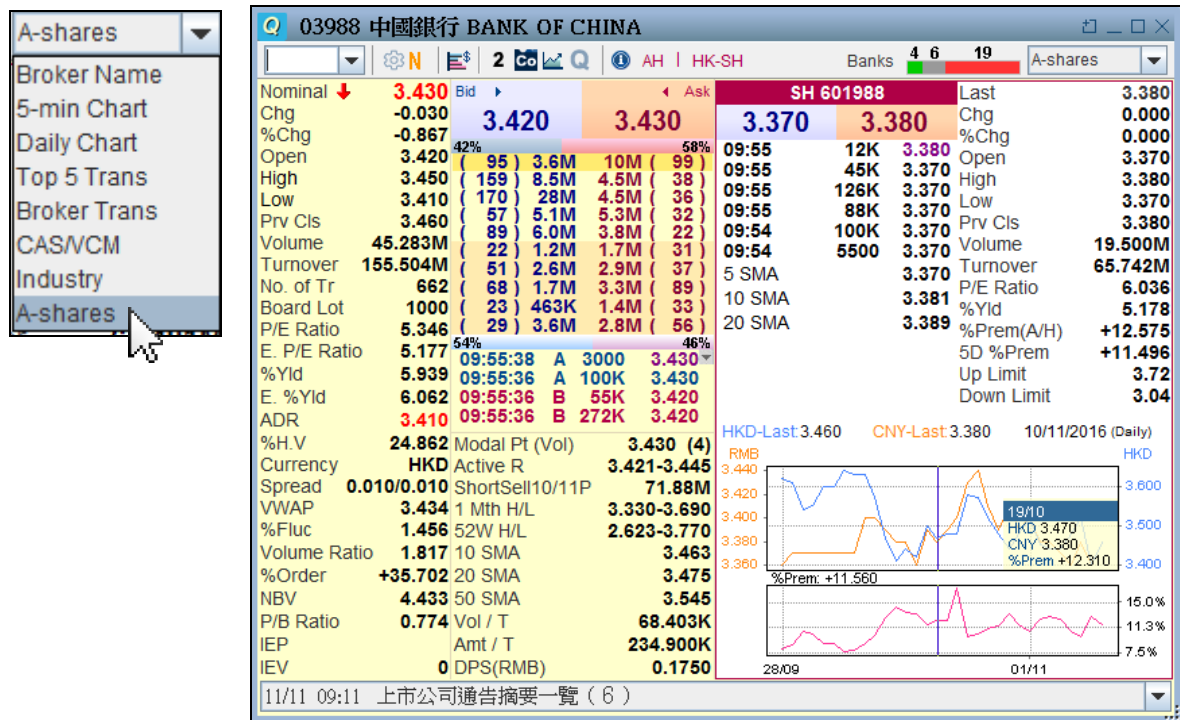


## Using Display Options (Securities)

Panel	Information
Broker Name	To display broker name in Chinese and English, you may click and hold on the mouse on specific code number. A box will appear to show the broker name in English. For warrant/CBBC, the liquidity provider will be highlighted in blue or purple colour. Code of related warrant/CBBC should be shown at the bottom right corner of quote page. Double click the code will open a new quotation window for that warrant/CBBC.
5-min Chart	A “Previous Close Reference Line” (in red color) is added to the chart for easier comparison between the current price and the previous closing price. A box indicating the close price and volume will appear if you mouse over a particular candle stick.
Daily Chart	Daily chart shows 60 trading days record with a “Previous Close Reference Line” (in red color). Users can mouse over a particular candle stick to indicate the close price and volume.
Top 5 Transaction	Top 5 transacted prices will be presented in bar chart. Red and blue colours represent the volume of AMS and non-AMS transaction respectively.
Broker Transaction	It lists the top 5 transacted brokers based on the estimated volume of net buy and sell. For the details, please refer to “Broker Transaction – By Broker” section.
Industry	It displays stocks with the top 10 market capital for nominal price, change, and %change within the same industry for performance comparison.

## Using Display Options (Securities)

### AH Shares

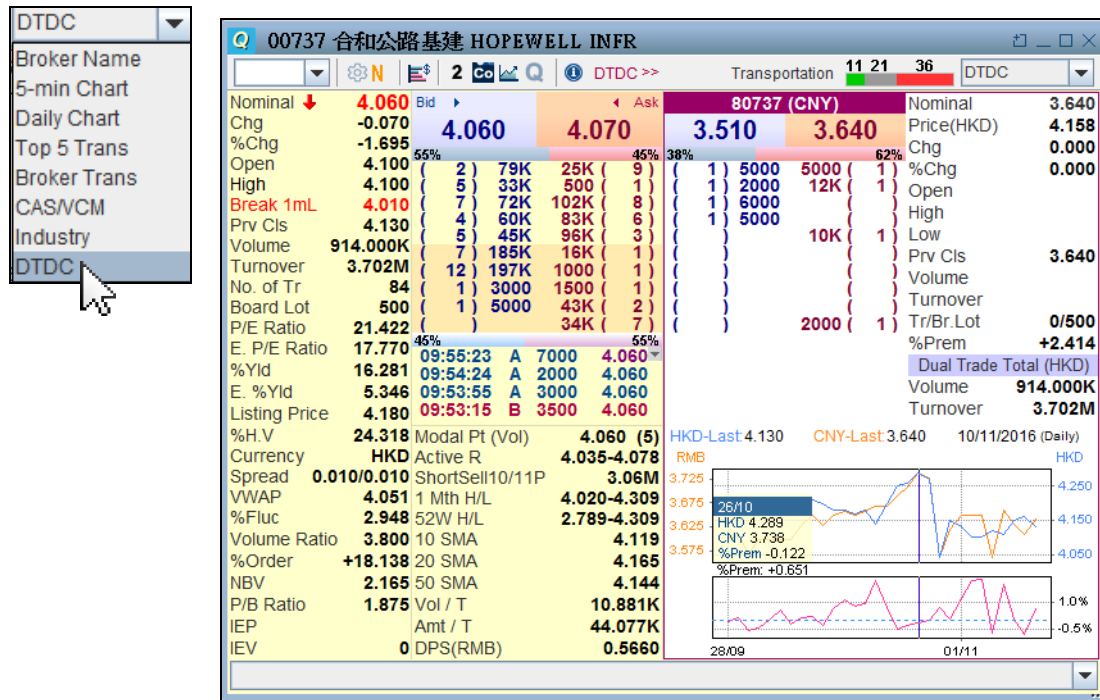


For HK stock with A-shares, A-share's real-time quote will be displayed on the right side. In addition to the latest 6 transactions, bid/ask price and change, A/H % premium, 5 days premiums and up/down limit are shown. Moreover, there are daily AH shares chart and A/H% premium chart for comparison.



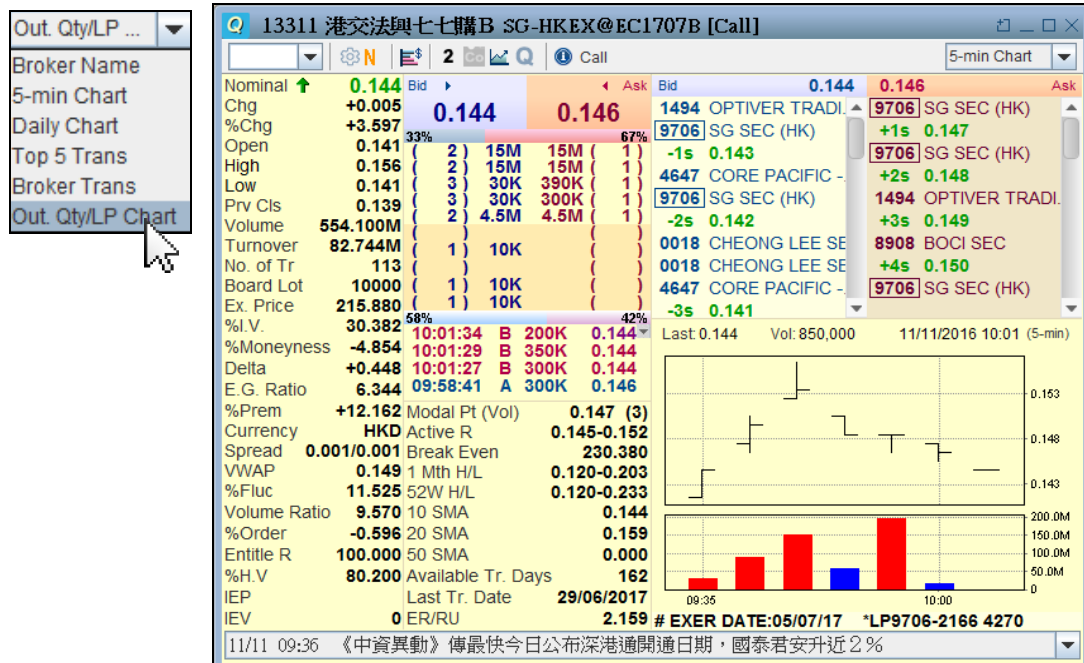
## Using Display Options (Securities)

### Dual Tranche and Dual Counter



Inputting the stock code either in HKD or CNY can show the real-time information separated on left and right side for reference.

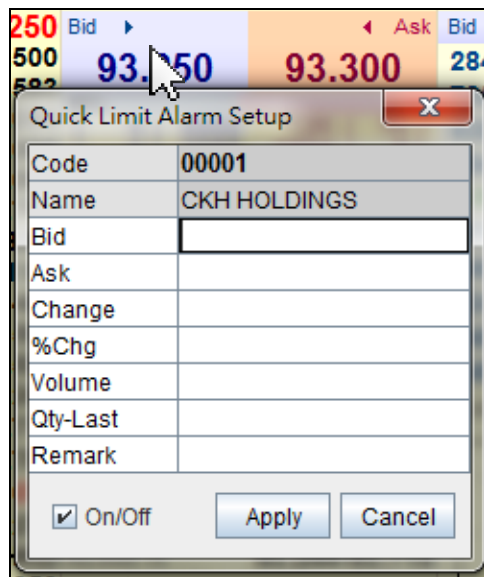
### Outstanding quantity/ LP chart



For warrant/CBBC, user can switch to outstanding quantity/LP chart by pressing "Enter" key or choosing it from the pull down menu at the top right corner. Analytical data, e.g. outstanding quantity, underlying price and LP buy/sell activities, are provided as well.

## Using Display Options (Securities)

### Quick Limit Alarm Setup



User can click the blank area above bid/ask price to open “Quick Limit Alarm Setup”. User may enter the targeted bid/ask price, change, % change and etc., to set the alert. For details of “Limit Alarm Setup”, please refer to “Tools/Setup” section of “General Operation”.

### b.) Chart Quote



For closely monitoring of securities performance, four mini charts with different intervals: 1-min, 5-min, 30-min and 1-hour, are shown on the left side of quote page while the real-time data, such as nominal, bid/ask price and the latest transactions, are located on the right side.



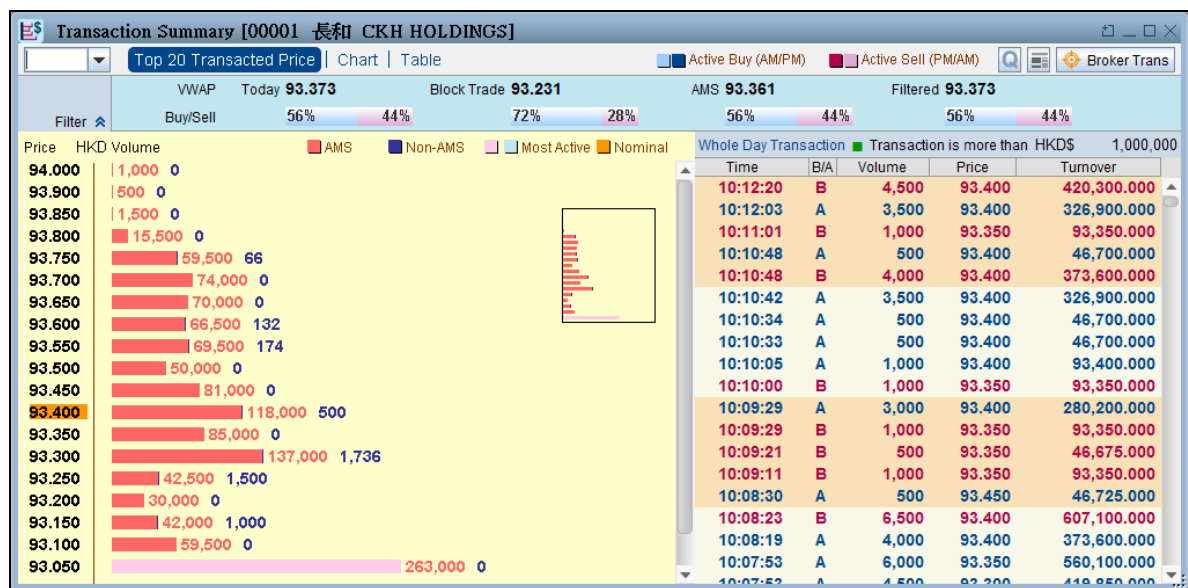
## Using Display Options (Securities)

### Chart Setup



By right click the chart by mouse, user can change the time interval or the chart style (refer to the diagram on left). Clicking the Enlarge icon at the top right corner of mini-chart can expand it to a large one. For details of “Chart Setup”, please refer to the section of “Chart”. User can turn back to four mini-chart layout by clicking the Minimize icon (refer to the diagram on right).

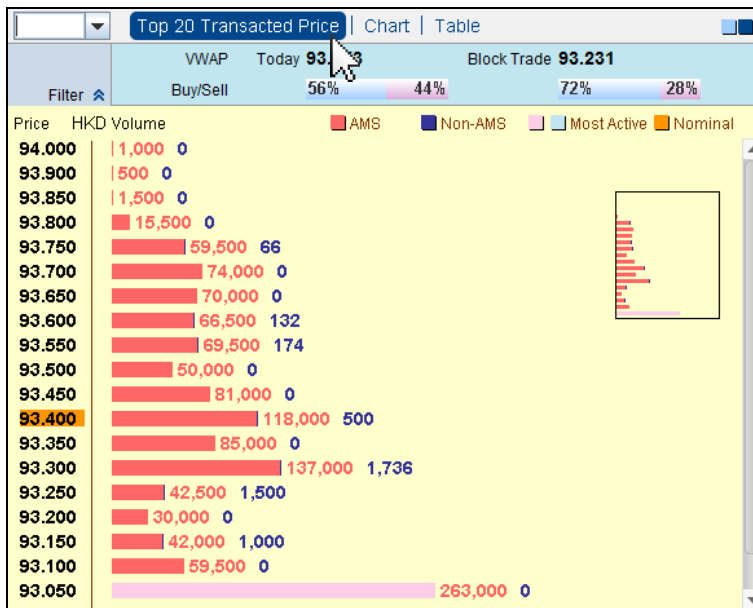
### 2.2.2 Transaction Summary



It provides the trading records of each individual security, including the day-trade records, the transaction distribution on different prices, weighted average price and the initiative buy/sell turnover ratio. For better analysis of the trend of security, there are [list of top 20 transacted prices](#), [chart summary](#) and [table summary](#). Besides, the filtering features helps user search the transaction records in different conditions.

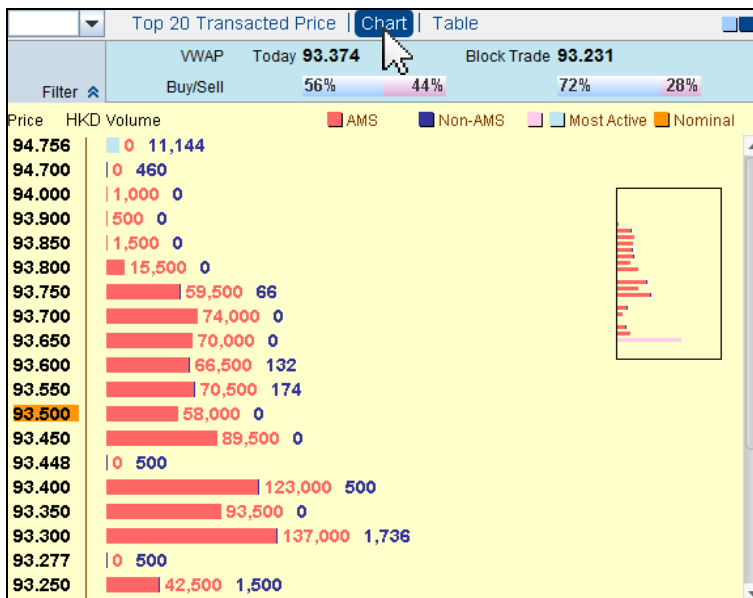
## Using Display Options (Securities)

### a.) Top 20 Transacted Prices



The top 20 most active trading prices are presented in bar chart format. The bars are colored in red and blue to represent AMS and non-AMS transactions.

### b.) Chart Summary



It shows the transaction distribution at various prices. The latest price will be highlighted in orange.

## Using Display Options (Securities)

### c.) Table Summary

Top 20 Transacted Price   Chart   Table									
Filter		VWAP Today 93.374				Block Trade 93.231			
		Buy/Sell 56%		44%		72%		28%	
Price	All			AMS			Non-AMS		
HKD	Volume	%Weight	Volume	%Weight	%Total	Volume	%Weight	%Total	
94.756	11,144	0.844	0	0.000	0.000	11,144	59.267	0.844	
94.700	460	0.035	0	0.000	0.000	460	2.446	0.035	
94.000	1,000	0.076	1,000	0.077	0.076	0	0.000	0.000	
93.900	500	0.038	500	0.038	0.038	0	0.000	0.000	
93.850	1,500	0.114	1,500	0.115	0.114	0	0.000	0.000	
93.800	15,500	1.174	15,500	1.190	1.174	0	0.000	0.000	
93.750	59,566	4.510	59,500	4.570	4.505	66	0.351	0.005	
93.700	74,000	5.603	74,000	5.684	5.603	0	0.000	0.000	
93.650	70,000	5.300	70,000	5.376	5.300	0	0.000	0.000	
93.600	66,632	5.045	66,500	5.108	5.035	132	0.702	0.010	
93.550	70,674	5.351	70,500	5.415	5.338	174	0.925	0.013	
93.500	63,000	4.770	63,000	4.839	4.770	0	0.000	0.000	
93.450	89,500	6.776	89,500	6.874	6.776	0	0.000	0.000	
93.448	500	0.038	0	0.000	0.000	500	2.659	0.038	
93.400	123,500	9.350	123,000	9.447	9.313	500	2.659	0.038	
93.350	93,500	7.079	93,500	7.181	7.079	0	0.000	0.000	
<b>Total</b>	<b>1.321M</b>	<b>100.000</b>	<b>1.302M</b>	<b>100.000</b>	<b>98.576</b>	<b>18803</b>	<b>100.000</b>	<b>1.424</b>	
VWAP	93.374			93.363			94.169		

The integrated information of volume and %weight at each price will be listed at a table format. The information is categorized into AMS and non-AMS.

### Filtering Function

Filter		VWAP Today 93.374				Block Trade 93.231				AMS 93.363		Filtered 93.374	
		Buy/Sell 56%		44%		72%		28%		56%		44%	
Time	<input checked="" type="radio"/> Wh <input type="radio"/> Day	Trades All		Volume >=		Price		to		Search result		516 records	
	<input type="radio"/> 09:00 <input type="radio"/> 16:00	Trade Type All		Turnover >=\$						Reset		Filter	

This feature allows user to search for targeted transaction records. First, user needs to click the double arrow icon next to “Filter”. Inputting one or more criteria, i.e. buy/sell order, order type, volume, turnover and transaction price. After clicking “Filter” button, the desired results will be shown on the column of “Whole Day Transaction”. In the meanwhile, the VWAP and buy/sell ratio will be re-calculated.

Clicking “Reset” button can clear all filter setting and resume all transaction records.

## Using Display Options (Securities)

### Whole Day Transaction Record

Whole Day Transaction				
Time	B/A	Volume	Price	Turnover
10:14:35	B	400	60.650	24,260.000
10:14:35	B	400	60.650	24,260.000
10:14:34	A	5,600	60.700	339,920.000
10:14:34 Y	A	4,400	60.700	267,080.000
10:14:31	A	2,800	60.700	169,960.000
10:14:30	A	400	60.700	24,280.000
10:14:28	A	18,800	60.700	1,141,160.000
10:14:25	B	2,000	60.650	121,300.000
10:14:17	B	26,000	60.700	1,578,200.000
10:14:14	B	400	60.700	24,280.000
10:14:14	B	1,200	60.700	72,840.000
10:14:13	B	4,000	60.700	242,800.000
10:14:12	B	400	60.700	24,280.000
10:14:12	B	6,000	60.700	364,200.000
10:14:11	B	400	60.700	24,280.000

10:14:28	A	18,800	60.700	1,141,160.000
10:14:25	B	2,000	60.650	121,300.000
10:14:17	B	26,000	60.700	1,578,200.000

It provides detailed transaction records, including the filled time, order type, volume, price and turnover of each transaction. A block trade indicator (a small square in green) will be marked in front of the transaction record which means the traded turnover is over 1,000,000.

### 2.2.3 Sensitivity Factor & Weighting

Sensitivity Factor and Weighting [HSI Hang Seng Index]										
HSI - Hang Seng Index										
	Initial	Chg	%Chg	E. Index Chg	E. %Chg	S. Factor	%F.A. Weight	Issued Sh Cap	Mkt Cap	
HSI - Hang Seng Index	18.730	-320.380	-1.403							
CEI - HS China Enterprises Index	69.400	-3.050	-4.210	-6.893	-1.763	0.113	0.718	1.228B	88.969B	
CCI - HS China-Aff Corporations Index	8.620	-0.330	-3.687	-6.072	-1.553	0.184	0.721	23.947B	214.326B	
HSC - HS Composite Index	78.400	-2.850	-3.508	-4.332	-1.108	0.076	0.544	905.206M	73.548B	
00019 SWIRE PACIFIC A	5.340	-0.180	-3.261	-14.112	-3.609	0.784	1.895	25.513B	140.834B	
00386 SINOPEC CORP	201.600	-6.600	-3.170	-74.382	-19.023	2.254	10.273	9.467B	1971.022B	
01044 HENGAN INT'L	59.950	-1.950	-3.150	-4.368	-1.117	0.112	0.606	1.213B	75.087B	
00004 WHARF HOLDINGS	56.500	-1.800	-3.088	-6.696	-1.713	0.186	0.952	3.032B	176.756B	
00823 LINK REIT	53.200	-1.650	-3.008	-11.319	-2.895	0.343	1.647	2.231B	122.389B	
00003 HK & CHINA GAS	14.720	-0.440	-2.902	-10.318	-2.639	0.469	1.557	12.717B	192.790B	
00144 CHINA MER PORT	19.460	-0.520	-2.603	-2.080	-0.532	0.080	0.352	2.616B	52.263B	
00836 CHINA RES POWER	12.820	-0.340	-2.584	-2.006	-0.513	0.118	0.341	4.808B	63.269B	
00883 CNOOC	9.540	-0.250	-2.554	-13.725	-3.510	0.549	2.353	44.647B	437.099B	
00857 PETROCHINA	5.140	-0.130	-2.467	-8.437	-2.158	0.649	1.497	21.099B	111.191B	
00267 CITIC	11.260	-0.260	-2.257	-4.654	-1.190	0.358	0.902	29.090B	335.120B	
00002 CLP HOLDINGS	76.850	-1.550	-1.977	-9.021	-2.307	0.291	1.999	2.526B	198.074B	

It provides analytical data, e.g. sensitivity factor, %free-float adjustment, weight, market capital and etc., for Hang Seng Index, HS China Enterprises Index, HS China Affiliated Corporations index and HS Composite Index. User may forecast and grasp the trend of the fast-changing environment with this information. User can select different indexes from the pull down menu at the top left corner.

## Using Display Options (Securities)

### Top 5 Positive & Negative Estimated Index Change

Sensitivity Factor and Weighting [HSI Hang Seng Index]										
HSI - Hang Seng Index										
Code	Name	Nominal	Chg	%Chg	E. Index Chg	E. %Chg	S. Factor	%F.A. Weight	Issued Sh Cap	Mkt Cap
HSI	Hang Seng Index	↓ 22513.900	-325.210	-1.424						
02018	AAC TECH	↓ 69.400	-3.050	-4.210	-6.893	-1.793	0.113	0.718	1.228B	88.969E
00019	SWIRE PACIFIC A	↓ 78.350	-2.900	-3.569	-4.408	-1.146	0.076	0.544	905.206M	73.548E
00386	SINOPEC CORP	↓ 5.340	-0.180	-3.261	-14.112	-3.670	0.784	1.895	25.513B	140.834E
00004	WHARF HOLDINGS	↓ 56.400	-1.900	-3.259	-7.068	-1.838	0.186	0.952	3.032B	176.756E
01044	HENGAN INT'L	↓ 59.950	-1.950	-3.150	-4.368	-1.136	0.112	0.606	1.213B	75.087E
00762	CHINA UNICOM	↓ 8.670	-0.280	-3.128	-5.152	-1.340	0.184	0.721	23.947B	214.326E
00700	TENCENT	↓ 201.800	-6.400	-3.074	-72.128	-18.759	2.254	10.273	9.467B	1971.022E
00823	LINK REIT	↓ 53.200	-1.650	-3.008	-11.319	-2.944	0.343	1.647	2.231B	122.389E
00003	HK & CHINA GAS	↓ 14.720	-0.440	-2.902	-10.318	-2.683	0.469	1.557	12.717B	192.790E
00144	CHINA MER PORT	↓ 19.440	-0.540	-2.703	-2.160	-0.562	0.080	0.352	2.616B	52.263E
00836	CHINA RES POWER	↓ 12.820	-0.340	-2.584	-2.006	-0.522	0.118	0.341	4.808B	63.269E
00883	CNOOC	↓ 9.540	-0.250	-2.554	-13.725	-3.570	0.549	2.353	44.647B	437.099E
00857	PETROCHINA	↓ 5.140	-0.130	-2.467	-8.437	-2.194	0.649	1.497	21.099B	111.191E
00267	CITIC	↓ 11.260	-0.260	-2.257	-4.654	-1.210	0.358	0.902	29.090B	335.120E
00002	CLP HOLDINGS	↓ 76.800	-1.600	-2.041	-9.312	-2.422	0.291	1.999	2.526B	198.074E
00135	KUNLUN ENERGY	↓ 5.640	-0.110	-1.913	-1.089	-0.283	0.099	0.250	8.072B	46.416E
00017	NEW WORLD DEV	↓ 8.780	-0.170	-1.899	-2.941	-0.765	0.173	0.679	9.394B	84.076E
00941	CHINA MOBILE	↓ 85.450	-1.650	-1.894	-31.152	-8.102	0.944	7.201	20.475B	1783.415E

It shows the “Estimated Index Change” at real-time basis. Top 5 positive / negative estimated index changes are presented in red and green colours respectively.