

# Monthly Highlights

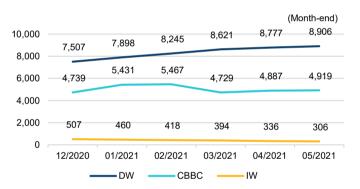
- Structured products recorded \$18.7bn Average Daily
  Turnover (ADT) in May, decreased by -4.6% comparing to
  April. Structured products ADT to cash market this month
  accounted for 12.2%, decreased slightly against last month's
  12.6%.
- The number of listed structured products at month end increased from 14,000 to 14,131 (+0.9%). The market value of structured products held by investors decreased to \$7.7bn, down -2.3% comparing to March.
- Overseas US indices SP trading have recorded \$288mn ADT this month, both NASDAQ and S&P 500 SP trading have surpassed that of HS TECH for the first time.
- HSI alone took up 49.8% of the market share of the entire SP market turnover, with the top 5 local stocks accounted for another 30.4%. The top 5s are Tencent (#700), Meituan (#3690), Alibaba (#9988), HKEX (#388), and Ping An Insurance (#2318) in descending ADT order.

## Market Overview

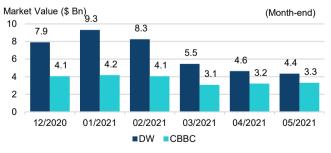
# Market turnover share & average daily turnover (ADT)



#### Number of structured products listed



## Market value held by investors





# Average daily turnover (ADT) by product type





#### Note

- 1. ADT =  $\Sigma$ (Monthly Total Turnover of SP) / Number of Trading days in a month
- 2. Market T/O Share =  $\Sigma$ (Monthly Total Turnover of SP) / Monthly Total Turnover of Main & GEM boards
- 3. Market Value Held by Investors =  $\Sigma$ (Number of Shares Held by Investors at Month-end x Closing Price of SP at Month-end)

# **Derivatives Warrants**

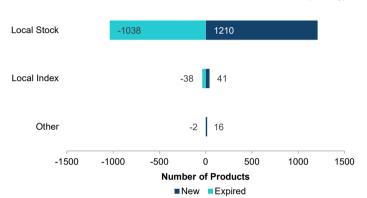
(Stock Code Range: 10000 - 29999 / 89000 - 89999)

#### Product distribution by types of underlying

Underlying	ADT (\$ Mn)	%	Market Value (\$ Mn)	%	No. of Listed Products	%
Local Stock	8,108.2	76.6%	4,163.2	95.7%	8,486	95.3%
Local Index	2,184.0	20.6%	177.1	4.1%	338	3.8%
Other	288.3	2.7%	10.1	0.2%	82	0.9%
Total	10,580.4	100%	4,350.4	100%	8,906	100%

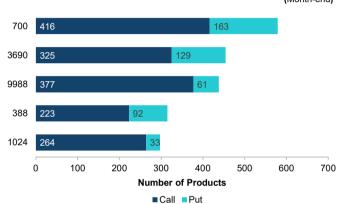
## Number of newly listed & expired DW

(Monthly)



#### Top 5 underlying assets by number of DW





#### Top 10 underlying assets by ADT

## Top 10 DW by monthly turnover

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Rank	Underlying	Call ADT (\$ Mn)	Put ADT (\$ Mn)	ADT (\$ Mn)	% of ADT of Underlying Assets	Rank	Stock Code	Name	Monthly TO (\$ Mn)
1	HSI	1,158.7	993.6	2,152.3	N/A	1	12349	SG-HSI @EC2109D	3,599.8
2	700	1,564.7	427.4	1,992.1	17.4%	2	25721	SG-HSI @EP2107E	3,085.4
3	3690	887.6	283.3	1,170.8	16.6%	3	28870	GJTENCT@EC2201A	2,966.2
4	9988	965.1	55.6	1,020.7	21.1%	4	20949	UB-HSI @EC2109H	2,731.8
5	388	598.9	82.8	681.7	38.1%	5	22690	UB-HSI @EP2109A	2,580.4
6	2318	245.5	24.5	270.1	8.6%	6	12702	JPTENCT@EC2112B	2,532.4
7	5	194.9	24.0	218.9	20.4%	7	20759	GJALIBA@EC2109B	2,419.2
8	1810	191.4	25.4	216.8	5.4%	8	21287	SG-HSI @EP2107D	2,184.9
9	1024	192.0	22.2	214.2	15.4%	9	22670	UB-HSI @EC2110A	2,013.6
10	9888	173.7	6.6	180.2	28.4%	10	19098	JPALIBA@EC2109B	1,889.1

#### Note

- 1. ADT =  $\Sigma$ (Monthly Total Turnover of DWs) / Number of Trading days in a month
- 2. Market Value =  $\Sigma$ (Number of Shares Held by Investors at Month-end x Closing Price of DWs at Month-end)

BI - BOCI; BP - BNP Paribas; CS - Credit Suisse; CT - Citigroup; EA - Bank of East Asia; GJ - Guotai Junan; GS - Goldman Sachs; HS - HSBC; HT - Haitong; JP - JP Morgan; MB - Macquarie Bank; MS - Morgan Stanley; SG - Societe Generale; UB - UBS; VT - Bank Vontobel



<sup>3. %</sup> of ADT of Underlying Assets = ADT of the DWs / ADT of the Underlying Assets

# Callable Bull / Bear Contracts

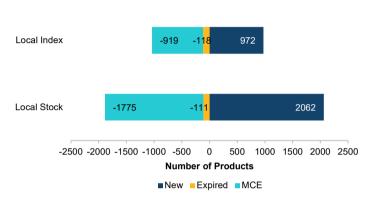
(Stock Code Range: 50000 - 69999)

#### Product distribution by types of underlying

Underlying	ADT (\$ Mn)	%	Market Value (\$ Mn)	%	No. of Listed Products	%
Local Index	7,202.3	88.9%	1,827.3	55.2%	1,551	31.5%
Local Stock	901.2	11.1%	1,483.5	44.8%	3,368	68.5%
Total	8,103.6	100%	3,310.8	100.0%	4,919	100%

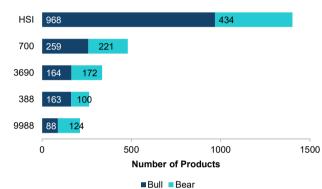
#### Number of newly listed & expired CBBC

(Monthly)



#### Top 5 underlying assets by number of CBBC

(Month-end)



#### Top 10 underlying assets by ADT

### Top 10 CBBC by monthly turnover

Rank	Underlying	Bull ADT (\$ Mn)	Bear ADT (\$ Mn)	ADT (\$ Mn)	% of ADT of Underlying Assets		Rank	Stock Code	Name	Monthly TO (\$ Mn)
1	HSI	3,233.5	3,918.6	7,152.0	N/A		1	54606	BI#HSI RP2108A	1,932.3
2	700	123.9	86.0	209.9	1.8%		2	53444	SG#HSI RP2108I	1,696.7
3	3690	96.4	65.6	162.0	2.3%	•	3	59324	BI#HSI RP2108I	1,580.1
4	9988	69.5	29.5	98.9	2.0%	•	4	57302	BI#HSI RC2308P	1,292.9
5	1810	57.3	20.8	78.2	1.9%	•	5	54250	SG#HSI RP2109N	1,258.9
6	388	23.4	15.4	38.8	2.2%		6	54213	SG#HSI RP2108M	1,239.0
7	1299	24.4	12.8	37.1	1.8%	•	7	60294	BI#HSI RP2108M	1,231.0
8	HSTEC	16.2	14.6	30.8	N/A	•	8	60020	SG#HSI RP2108B	1,074.5
9	2318	19.0	7.8	26.9	0.9%	•	9	59714	BI#HSI RP2108K	1,015.1
10	1024	15.7	7.0	22.7	1.6%	•	10	62586	SG#HSI RC2402C	989.4
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#### Note

- 1. ADT =  $\Sigma$ (Monthly Total Turnover of CBBCs) / Number of Trading days in a month
- 2. Market Value =  $\Sigma$ (Number of Shares Held by Investors at Month-end x Closing Price of CBBCs at Month-end)
- 3. % of ADT of Underlying Assets = ADT of the CBBCs / ADT of the Underlying Assets
- 4. MCE stands for Mandatory Call Event

BI - BOCI; BP - BNP Paribas; CS - Credit Suisse; CT - Citigroup; EA - Bank of East Asia; GJ - Guotai Junan; GS - Goldman Sachs; HS - HSBC; HT - Haitong; JP - JP Morgan; MB - Macquarie Bank; MS - Morgan Stanley; SG - Societe Generale; UB - UBS; VT - Bank Vontobel



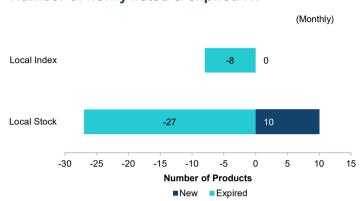
# **Inline Warrants**

(Stock Code Range: 47000 - 48999)

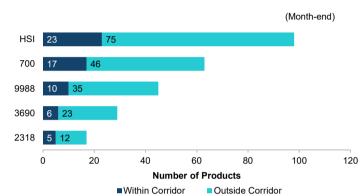
#### Product distribution by types of underlying

Underlying	ADT (\$ '000)	%	Market Value (\$ '000)	%	No. of Listed Products	%
Local Index	2,213.4	34.7%	4,533.6	48.7%	98	32.0%
Local Stock	4,164.6	65.3%	4,781.2	51.3%	208	68.0%
Total	6,378.0	100%	9,314.7	100%	306	100%

#### Number of newly listed & expired IW



## Top 5 underlying assets by number of IW



#### Top 10 Underlying Assets by ADT

Rank	Underlying	ADT (\$ '000)	% of ADT of Underlying Assets
1	HSI	2,213.4	N/A
2	1810	1,143.7	0.03%
3	700	777.4	0.01%
4	3690	667.5	0.01%
5	981	404.8	0.04%
6	9988	392.4	0.01%
7	939	340.6	0.02%
8	2318	238.9	0.01%
9	1299	174.5	0.01%
10	941	24.4	0.00%

#### Top 10 IW by Monthly Turnover

Rank         Code         Name         (\$ '000')           1         48726         SG-HSI @L 2106I         30,395.           2         48649         HSXIAMI@L 2105A         12,515.           3         48584         HSMTUAN@L 2107A         8,698.           4         48652         HSXIAMI@L 2108A         7,230.           5         47582         HS-CCB @L 2112A         6,678.           6         48572         HSTENCT@L 2106C         5,649.           7         48521         HSALIBA@L 2107A         4,070.           8         48653         HS-SMIC@L 2105A         3,868.           9         48655         HS-SMIC@L 2109A         3,164.	Top 10 111 by monthly runnever						
2 48649 HSXIAMI@L 2105A 12,515.  3 48584 HSMTUAN@L 2107A 8,698.  4 48652 HSXIAMI@L 2108A 7,230.  5 47582 HS-CCB @L 2112A 6,678.  6 48572 HSTENCT@L 2106C 5,649.  7 48521 HSALIBA@L 2107A 4,070.  8 48653 HS-SMIC@L 2105A 3,868.  9 48655 HS-SMIC@L 2109A 3,164.	Rank		Name	Monthly TO (\$ '000)			
3 48584 HSMTUAN@L 2107A 8,698. 4 48652 HSXIAMI@L 2108A 7,230. 5 47582 HS-CCB @L 2112A 6,678. 6 48572 HSTENCT@L 2106C 5,649. 7 48521 HSALIBA@L 2107A 4,070. 8 48653 HS-SMIC@L 2105A 3,868. 9 48655 HS-SMIC@L 2109A 3,164.	1	48726	SG-HSI @L 2106I	30,395.5			
4 48652 HSXIAMI@L 2108A 7,230. 5 47582 HS-CCB @L 2112A 6,678. 6 48572 HSTENCT@L 2106C 5,649. 7 48521 HSALIBA@L 2107A 4,070. 8 48653 HS-SMIC@L 2105A 3,868. 9 48655 HS-SMIC@L 2109A 3,164.	2	48649	HSXIAMI@L 2105A	12,515.4			
5 47582 HS-CCB @L 2112A 6,678. 6 48572 HSTENCT@L 2106C 5,649. 7 48521 HSALIBA@L 2107A 4,070. 8 48653 HS-SMIC@L 2105A 3,868. 9 48655 HS-SMIC@L 2109A 3,164.	3	48584	HSMTUAN@L 2107A	8,698.2			
6 48572 HSTENCT@L 2106C 5,649. 7 48521 HSALIBA@L 2107A 4,070. 8 48653 HS-SMIC@L 2105A 3,868. 9 48655 HS-SMIC@L 2109A 3,164.	4	48652	HSXIAMI@L 2108A	7,230.9			
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8 48653 HS-SMIC@L 2105A 3,868. 9 48655 HS-SMIC@L 2109A 3,164.	6	48572	HSTENCT@L 2106C	5,649.9			
9 48655 HS-SMIC@L 2109A 3,164.	7	48521	HSALIBA@L 2107A	4,070.3			
	8	48653	HS-SMIC@L 2105A	3,868.2			
10 48724 SG-HSI @L 2106G 2,957.	9	48655	HS-SMIC@L 2109A	3,164.7			
	10	48724	SG-HSI @L 2106G	2,957.8			

#### Note

- 1. ADT =  $\Sigma$ (Monthly Total Turnover of IWs) / Number of Trading days in a month
- 2. Market Value =  $\Sigma$ (Number of Shares Held by Investors at Month-end x Closing Price of IWs at Month-end)
- 3. % of ADT of Underlying Assets = ADT of the IWs / ADT of the Underlying Assets
- 4. "Within Corridor" is defined as the price of underlying stays at or within the upper and lower strike prices of Inline Warrant (IW) at month-end while "Outside Corridor" is defined as the price of underlying is above the upper strike price or below the lower strike price of IW at month-end.
- BI BOCI; BP BNP Paribas; CS Credit Suisse; CT Citigroup; EA Bank of East Asia; GJ Guotai Junan; GS Goldman Sachs; HS HSBC; HT Haitong; JP JP Morgan; MB Macquarie Bank; MS Morgan Stanley; SG Societe Generale; UB UBS; VT Bank Vontobel



#### Note

- 1. Financial figures are expressed in Hong Kong dollars.
- 2. Due to rounding, numbers presented in this document may not add up precisely to the totals provided.
- 3. More <u>Trading Information and Historical Data</u> for Structured Products are available on HKEX Website.

  For subscription of structured products market data, please visit <u>Historical Data Services</u> for further details.
- 4. For information on individual product, please refer to issuers' websites.
- BI BOCI
- BP BNP Paribas
- CS Credit Suisse
- CT Citigroup
- EA Bank of East Asia
- GJ Guotai Junan
- GS Goldman Sachs
- HS HSBC
- HT Haitong
- JP JP Morgan
- MB Macquarie Bank
- MS Morgan Stanley
- SG Societe Generale
- UB UBS
- VT Bank Vontobel

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