# Emkay Private Client Research

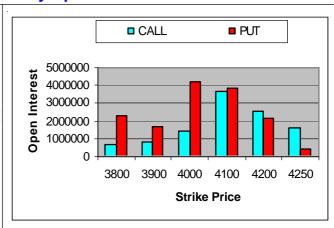
# Weekly Derivatives Round Up

19th May, 2007

#### **Indices' Snapshot**

|                              | Previous week | This week | Change   | %Chg    |  |  |  |  |
|------------------------------|---------------|-----------|----------|---------|--|--|--|--|
| Nifty                        | 4076.65       | 4214.50   | 137.85   | 3.38    |  |  |  |  |
| Sensex                       | 13796.16      | 14303.41  | 507.25   | 3.68    |  |  |  |  |
| Bank Nifty                   | 5682.45       | 6290.80   | 608.35   | 10.71   |  |  |  |  |
| CNX IT                       | 5286.45       | 5305.60   | 19.15    | 0.36    |  |  |  |  |
| Futures LTP (May)            |               |           |          |         |  |  |  |  |
| Nifty                        | 4084.50       | 4229.70   | 145.20   | 3.55    |  |  |  |  |
| Bank Nifty                   | 5740.00       | 6322.00   | 582.00   | 10.14   |  |  |  |  |
| CNX IT                       | 5319.00       | 5347.00   | 28.00    | 0.53    |  |  |  |  |
| Open Interest (OI)           |               |           |          |         |  |  |  |  |
| Nifty                        | 36002250      | 31925400  | -4076850 | -11.32  |  |  |  |  |
| Bank Nifty                   | 167000        | 288300    | +121300  | +72.63  |  |  |  |  |
| CNX IT                       | 43050         | 126600    | +83550   | +194.08 |  |  |  |  |
| Cost of Carry (% annualized) |               |           |          |         |  |  |  |  |
| Nifty                        | -0.74         | +8.91     | +9.65    |         |  |  |  |  |
| Bank Nifty                   | +12.87        | +4.89     | -7.98    |         |  |  |  |  |
| CNX IT                       | +9.47         | +28.31    | +18.84   |         |  |  |  |  |

## **Nifty Options OI Distribution**



## Nifty Put Call Ratio (OI)

|         | Last Week | This Week | Change   | % Change |
|---------|-----------|-----------|----------|----------|
| Call OI | 13383550  | 12983050  | -400500  | -2.99    |
| Put OI  | 15315100  | 18802000  | +3486900 | +22.77   |
| PCR     | 1.14      | 1.45      | +0.31    |          |

#### FII's Weekly Derivative Statistics 17.05.07

|               | Buy           |             | Sell          |             | Open Interest as on 17.05.07 |             | Open Interest as on 10.05.07 |             | Change in FIIs Open<br>Interest (W-o-W) |             |
|---------------|---------------|-------------|---------------|-------------|------------------------------|-------------|------------------------------|-------------|---|-------------|
|               | No. of Contr. | Amt in Crs. | No. of Contr. | Amt in Crs. | No. of Contr.                | Amt in Crs. | No. of<br>Contr.             | Amt in Crs. | No. of Contr.                           | Amt in Crs. |
|               |               |             |               |             |                              |             |                              |             |   |             |
| Index Futures | 308939        | 6430.97     | 206307        | 4274.72     | 661591                       | 14014.96    | 754343                       | 15296.07    | -92752                                  | -1281.10    |
| Index Options | 56386         | 1150.65     | 31382         | 638.97      | 282067                       | 5950.98     | 281245                       | 5718.84     | 822                                     | 232.14      |
| Stock Futures | 94595         | 2739.01     | 142150        | 3692.25     | 646160                       | 17865.59    | 574849                       | 15327.28    | 71311                                   | 2538.31     |
| Stock Options | 183           | 4.77        | 853           | 25.00       | 3400                         | 92.81       | 2699                         | 67.49       | 701                                     | 25.32       |
| TOTAL         |               |             |               |             |                              | 37924.34    |                              | 36409.68    |   | 1514.66     |

Source: NSE

#### **Market Activity**

Nifty remained extremely strong throughout the week and has closed with a gain of 137 points at 4214. The banking stocks remained in limelight and the Bank Nifty index gained 10.7% during the week. Major gainers during the week, in terms of price, were McDowell, OBC, Can Bank, Matrix Labs, SBI, Rel Capital, Nagarjun Fert, ICICI, Titan, GMR, LIC, Parsvnath, Patni, GTL, Bongaigaon Refn, NDTV, IOC etc. Major losers were Bajaj Auto, Suzlon, I-Flex, Sun TV, SCI etc. Huge short covering was seen by the FIIs in Index futures as they remained net buyers and OI decreased significantly. However, in Stock futures build up of short positions was seen.

#### **Market Outlook**

We continue to maintain our positive view on Nifty for the coming days as short covering was seen in Nifty and it has also consistently sustained above 4200 levels. Importantly, the Implied Volatility of Nifty dropped to 20-21% levels from high levels of 24-25% earlier which is a very positive development and suggests decline in ambiguity regarding sustainability of Nifty at current levels. We have also seen remarkable support developing near 4200 levels given huge build up seen in Nifty 4200 Put options; build up with declining IV suggests Put writing activity. However, one shall aggressively go long on Nifty only on a closing above 4250 levels.

Weekly Derivatives Round Up

## **Open Interest (OI) Analysis**

**BULLISH: IT & Telecom: Patni (229%), IDEA (71%), HCL Tech (21%);** 

Banking: Vijaya Bank (36%), Syndicate Bank (34%), Karnataka Bank (27%)

Others: Tata Tea (39%), GMR Infra (31%), Cairn (30%)

Long positions are seen in abovementioned stocks as OI has built up during the week with upside move in stock price and positive CoC and therefore we remain bullish on these stocks. **CNX IT** futures added remarkable long positions as OI increased by nearly 83500 shares (194%) with positive CoC and therefore one shall keep a close watch on IT stocks for a bounce back. We expect a bounce back in **Infosys (33%)** as OI has increased remarkably with positive CoC during the week. Short covering activity was seen in sugar stocks like **Bajaj Hind (22%) & Balrampur Chini (25%)** as OI has decreased with upside move in stock price and positive CoC; thus we may see strength in these stocks. On Friday, remarkable build up was seen in stocks like IDFC & Nagarjun Fertilizers and we maintain our bullish view on these stocks.

## **Put-Call Ratio (PCR) Analysis**

- Nifty PCR (OI) moved up to 1.45 against 1.14 last week.
- Nifty Call options shed 4 lakh shares (-3%) & Put options added 34.8 lakh shares (+22.8%) in OI.
- Nifty 4200 Put options added 17.5 lakh shares in OI during the week as Nifty sustained above 4200 levels consistently.
   This indicates build up of support near 4200 levels on Nifty for immediate term.
- Extremely strong support exists near 4000 levels on Nifty as Nifty 4000 Put options hold nearly 41.8 lakh shares representing 22.25% of total Put OI.
- Nifty 4100 Put options added 9.5 lakh shares in OI during the week.
- OI in Nifty 4200 Call options decreased by 4.9 lakh shares indicating profit booking on long positions as the Implied Volatility also dropped from 23-25% levels to 20-21%.

## **Cost of Carry (CoC)**

**Turned Positive:** ACC, BPCL, Grasim, Jindal Stainless, SAIL. **Turned Negative:** Canara Bank, IndusInd Bank, RIL, TataSteel.

## **Derivative Strategy**

| Scrip: CAIRN Spot Price: 144.55   |              |   | Mkt Lot : 2500            |     |    | Expiry Date (F & O): 31ST MAY 2007 |                           |        |
|---|--------------|---|---------------------------|-----|----|------------------------------------|---------------------------|--------|
| View: Bullish   |              |   | Strategy: Buy Call Option |     |    | Expected Payoff                    |                           |        |
| Buy/Sell  | Oty.         | Scrip Strike Series Option Type Mkt Price (Rs.) |                           |     |    | Closing Price                      | Expected Profit/Loss (Rs) |        |
| BUY   | 2500         | CAIRN   | 150                       | MAY | CA | 2.75                               |                           |        |
|   |              |   |                           |     |    |                                    | 150 or below              | (2.75) |
| Maximum Biola Limited to Do 2.75 (Do 6.975.00 per contract)   |              |   |                           |     |    |                                    | 152                       | (0.75) |
| Maximum Risk: Limited to Rs.2.75 (Rs.6,875.00 per contract)  If CAIRN closes at 150 or below on expiry of May series. |              |   |                           |     |    |                                    | 154                       | 1.25   |
| Maximum Profit: Unlimited   |              |   |                           |     |    | 156                                | 3.25                      |        |
| Expected Profit: Rs.6.00 (Rs.15000.00 per contract) at expected target price of 155.                                  |              |   |                           |     |    | 158                                | 5.25                      |        |
|   |              |   |                           |     |    |                                    | 160                       | 7.25   |
| Break Even  | Point: Rs.15 | 2.75  |                           |     |    |                                    |                           |        |

#### Zeal Mehta

Derivative Analyst zeal.mehta@emkayshare.com

Tel: +91 22 6612 1276

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Member: Bombay Stock Exchange Limited (BSE) and The National Stock Exchange (NSE).

C-6, Ground Floor, Paragon Center, Pandurang Budhkar Marg, Worli, Mumbai – 400 013.

Tel No. 66121212. Fax: 66121299; E-mail: marketing@emkayshare.com; Website: www.emkayshare.com; Regn.Nos.PMS-INP 000000779; BSE (Cash) INB 010901838; BSE (Derivative) INF 010901838; NSE (Cash) INB 230901838; NSE (Derivative) INF 230901838; DP CDSL IN-DP-CDSL-58-2000 Call (Tollfree) 1-600-223-434/1-800-223-434

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