

PM40 Insider Trading since 2 February 2018 (with late reports from prior period)*

| | Date | Name | Bought | Sold | Total Value | Price Range | Total Volume |
|---|-----------|-----------------------|--------|--------|----------------|-------------|--------------|
| 1. 3M (MMM) | 31-Jan-18 | Thulin, Inge G | | 44 | (\$11,100) | 252.2800 | \$11,100 |
| | 31-Jan-18 | Thulin, Inge G | | 5,438 | (\$1,370,050) | 251.9400 | \$1,370,050 |
| | 31-Jan-18 | Thulin, Inge G | | 18,866 | (\$4,746,686) | 251.6000 | \$4,746,686 |
| | 31-Jan-18 | Thulin, Inge G | | 35,236 | (\$8,846,703) | 251.0700 | \$8,846,703 |
| | 1-Feb-18 | Keel, Paul A | | 13,480 | (\$3,327,268) | 246.8300 | \$3,327,268 |
| | 1-Feb-18 | Vrohidis, Ippocratis | | 225 | (\$56,176) | 249.6704 | \$56,176 |
| | 1-Feb-18 | Gangestad, Nicholas C | | 1,681 | (\$419,846) | 249.7596 | \$419,846 |
| | 1-Feb-18 | Shin, Hak Cheol | | 1,900 | (\$474,829) | 249.9100 | \$474,829 |
| | 1-Feb-18 | Shin, Hak Cheol | | 11,109 | (\$2,773,029) | 249.6200 | \$2,773,029 |
| | 1-Feb-18 | Shin, Hak Cheol | | 8,014 | (\$1,996,368) | 249.1100 | \$1,996,368 |
| | 1-Feb-18 | Shin, Hak Cheol | | 6,292 | (\$1,563,814) | 248.5400 | \$1,563,814 |
| | 1-Feb-18 | Shin, Hak Cheol | | 7,473 | (\$1,854,201) | 248.1200 | \$1,854,201 |
| | 1-Feb-18 | Shin, Hak Cheol | | 8,800 | (\$2,180,376) | 247.7700 | \$2,180,376 |
| | 1-Feb-18 | Shin, Hak Cheol | | 6,799 | (\$1,682,073) | 247.4000 | \$1,682,073 |
| | 1-Feb-18 | Shin, Hak Cheol | | 8,385 | (\$2,070,718) | 246.9550 | \$2,070,718 |
| 2. Amcor (AMCRY)* | | | | | | | |
| 3. Bemis (BMS) | | | | | | | |
| 4. Boise Cascade (BCC) | | | | | | | |
| 5. Brookfield (BIP)* | | | | | | | |
| 6. CatchMark Timber (CTT) | | | | | | | |
| 7. Cenveo (CVO) | | | | | | | |
| 8. Clearwater Paper (CLW) | | | | | | | |
| 9. Deltic Timber (DEL) | | | | | | | |
| 10. Domtar (LFS) | | | | | | | |
| 11. Ennis (EBF) | | | | | | | |
| 12. Fibria Celulose SA (FBR)* | | | | | | | |
| 13. Glatfelter (GLT) | | | | | | | |
| 14. Graphic Packaging (GPK) | | | | | | | |
| 15. Greif Inc (GEF) | | | | | | | |
| 16. Hadera Paper Ltd (HAUFP)* | | | | | | | |
| 17. International Paper (IP) | | | | | | | |
| 18. KapStone (KS) | | | | | | | |
| 19. Kimberly-Clark (KMB) | 29-Jan-18 | Underhill, Kimberly K | | 23,158 | (\$2,773,541) | 119.7660 | \$2,773,541 |
| 20. Louisiana Pacific (LPK) | | | | | | | |
| 21. LSC Communications, Inc. (LKSD) | | | | | | | |
| 22. Mercer International (MERC) | 16-Jan-18 | Lee, Jimmy S H | | 10,000 | (\$145,277) | 14.5277 | \$145,277 |
| | 17-Jan-18 | Lee, Jimmy S H | | 5,000 | (\$72,165) | 14.4330 | \$72,165 |
| | 17-Jan-18 | Grandossi, David M | | 12,000 | (\$172,327) | 14.3606 | \$172,327 |
| | 18-Jan-18 | Lee, Jimmy S H | | 10,000 | (\$144,129) | 14.4129 | \$144,129 |
| | 22-Jan-18 | Lauritzen, Eric | | 2,100 | (\$30,828) | 14.6800 | \$30,828 |
| | 24-Jan-18 | Grandossi, David M | | 12,000 | (\$173,980) | 14.4983 | \$173,980 |
| | 31-Jan-18 | Grandossi, David M | | 12,000 | (\$176,003) | 14.6669 | \$176,003 |
| 23. Neenah, Inc. (NP) | 16-Jan-18 | O'Donnell, John P | | 4,201 | (\$392,794) | 93.5000 | \$392,794 |
| 23. Neenah, Inc. (NP) | 29-Jan-18 | O'Donnell, John P | | 2,110 | (\$197,813) | 93.7500 | \$197,813 |
| 24. Orchids Paper Products Company (TIS) | | | | | | | |
| 25. Orient Paper Inc (ONP) | | | | | | | |
| 26. PCA (PKG) | | | | | | | |
| 27. Pottlatch (PCH) | | | | | | | |
| 28. Rayonier Advanced Materials (RYAM) | | | | | | | |
| 29. Rayonier Inc. (RYN) | | | | | | | |
| 30. Reed-Elsevier (RELX)* | | | | | | | |
| 31. Resolute Forest Products (RFP) | | | | | | | |
| 32. SAPPi (SPPV)* | | | | | | | |
| 33. Schweitzer-Mauduit (SWM) | | | | | | | |
| 34. Sonoco (SON) | | | | | | | |
| 35. Stora Enso (SEAOV)* | | | | | | | |
| 36. Universal Forest Products, Inc (UFPi) | | | | | | | |
| 37. UPM Kymmene (UPMKY)* | | | | | | | |
| 38. USG (USG) | | | | | | | |
| 39. WestRock Co. (WRK) | 26-Jan-18 | Porter, James B | | 14,930 | (\$1,045,100) | 70.0000 | \$1,045,100 |
| 40. Weyerhaeuser (WY) | | | | | | | |
| Net | | | | | (\$38,697,190) | | \$38,697,190 |

| | |
|------------------------------|------------|
| Total Shares Transacted | 241,241 |
| Average Flow Per Share (out) | (\$160.41) |

*Non-US Based Companies are not required to report.



About the PM40

PaperMoney has developed this forest industry/pulp and paper stock index for use in gauging the relative health of the overall industry. The index, PM40, contains 40 companies engaged primarily in forestry, pulp and paper manufacturing, converting, and printing. Our criterion for selection is as follows:

- Geographic Limitations--none
- Stock Exchange Listing--must be listed on a US exchange (to eliminate the effects of currency fluctuations). American Depositary Receipts (ADRs) are eligible for inclusion.
- Must be primarily dependent on cellulose in any form for business health. In other words, Kimberly-Clark is included, but Procter & Gamble is not. McGraw Hill is included, but the New York Times is not.
- The PM40 is a price-weighted index, rebalanced quarterly.

The companies comprising the index are:

| | | | |
|---|---|--|---|
| 1. 3M Co. (MMM) | 11. Fibria Celulose SA (FBR) | 21. Mercer International Inc. (MERC) | 31. Resolute Forest Products Inc. (RFP) |
| 2. Amcor Ltd. (AMCRY) | 12. Glatfelter Co. (GLT) | 22. Neenah, Inc. (NP) | 32. Sappi Ltd. (SPPJY) |
| 3. Bemis Co. (BMS) | 13. Graphic Packaging Holding Co. (GPK) | 23. Orchids Paper Products Inc. (TIS) | 33. Schweitzer-Mauduit Int'l Inc. (SWM) |
| 4. Boise Cascade Co. (BCC) | 14. Greif Inc. (GEF) | 24. Orient Paper Inc. (ONP) | 34. Sonoco Products Co. (SON) |
| 5. Brookfield Infrastructure Partners (BIP) | 15. Hadera Paper Ltd. (HAIPF) | 25. Packaging Corp of America (PKG) | 35. Stora Enso Oyj (SEOAY) |
| 6. CatchMark Timber Trust Inc. (CTT) | 16. International Paper Co. (IP) | 26. Potlatch Corp. (PCH) | 36. Universal Forest Products Inc. (UFPI) |
| 7. Clearwater Paper Corp. (CLW) | 17. KapStone Paper & Packaging Corp. (KS) | 27. Quad/Graphics, Inc. (QUAD) | 37. UPM-Kymmene Oyj (UPMKY) |
| 8. Deltic Timber Corp. (DEL) | 18. Kimberly-Clark Corp. (KMB) | 28. Rayonier Advanced Materials (RYAM) | 38. USG Corp. (USG) |
| 9. Domtar Corp. (UFS) | 19. Louisiana-Pacific Corp. (LPX) | 29. Rayonier Inc. (RYN) | 39. WestRock Co. (WRK) |
| 10. Ennis, Inc. (EBF) | 20. LSC Communications Inc. (LKSD) | 30. RELX Group (RELX) | 40. Weyerhaeuser Co. (WY) |

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