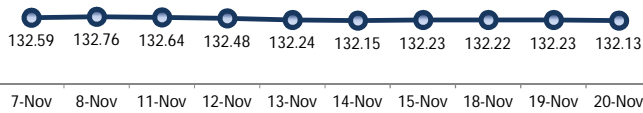
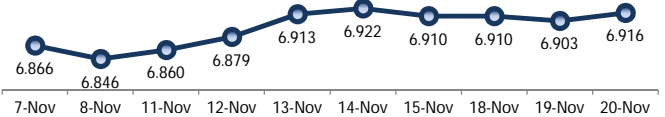


PRICE INDEX



YIELD INDEX



TECHNICAL ANALYSIS

FR0077

INDICATORS	20-Nov-19	-1 Day	Change
Last Price	106.39	106.46	(0.07)
DI+	31.79	32.58	(0.80)
DI-	26.19	27.57	(1.38)
ADX (15D)	30.46	31.94	(1.49)
A/D	3,179.86	6,545.85	(3,365.99)
CMF(20D)	0.112	0.210	(0.10)
CCI	-46.26	-37.85	(8.41)
Volume (IDR bn)	331.98	461.78	(129.80)
Frequency	17	44	(27)

COMMENT

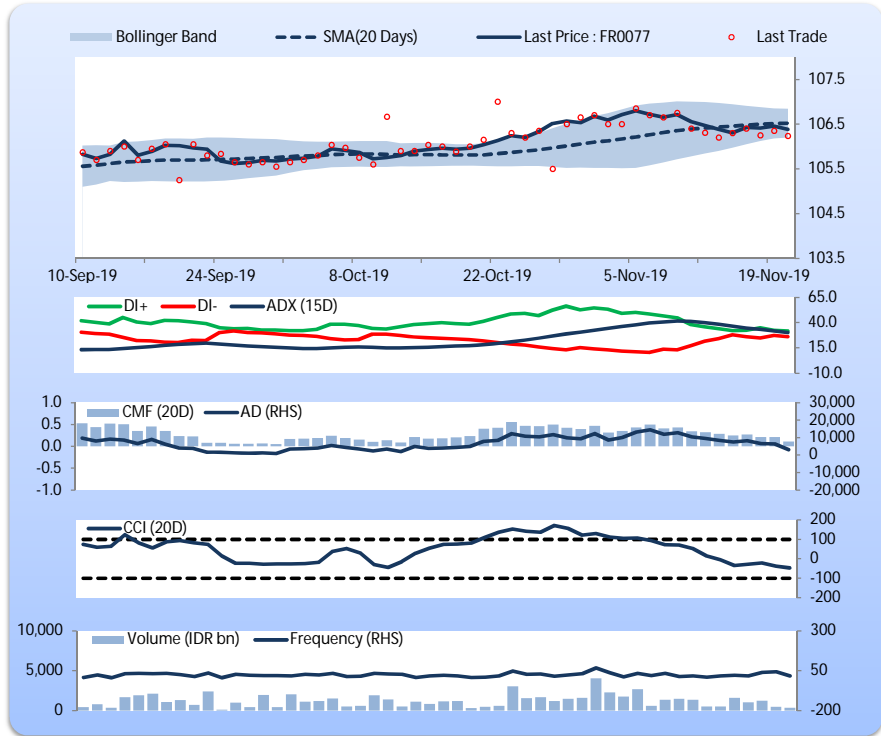
Price declined; moderate trade volume; upward trend continues to weaken; buying pressure eased; CCI declined.

**SELL**

FEATURES

Issue Date	27-Sep-18
Mature Date	15-May-24
Tenor	4.5
Coupon Rate	8.13
Last Yield	6.46
Modified Duration	3.75
Previous Coupon Date	15-Nov-19
Next Coupon Date	15-May-20

Sources: Bloomberg (Price); IDX



FR0078

INDICATORS	20-Nov-19	-1 Day	Change
Last Price	108.34	108.54	(0.20)
DI+	44.34	47.45	(3.11)
DI-	25.44	22.11	3.33
ADX (15D)	41.05	42.05	(1.00)
A/D	-8,749.04	-6,075.63	(2,673.41)
CMF(20D)	-0.211	-0.148	(0.06)
CCI	-43.57	-1.97	(41.61)
Volume (IDR bn)	1,518.55	1,457.44	61.12
Frequency	39	31	8

COMMENT

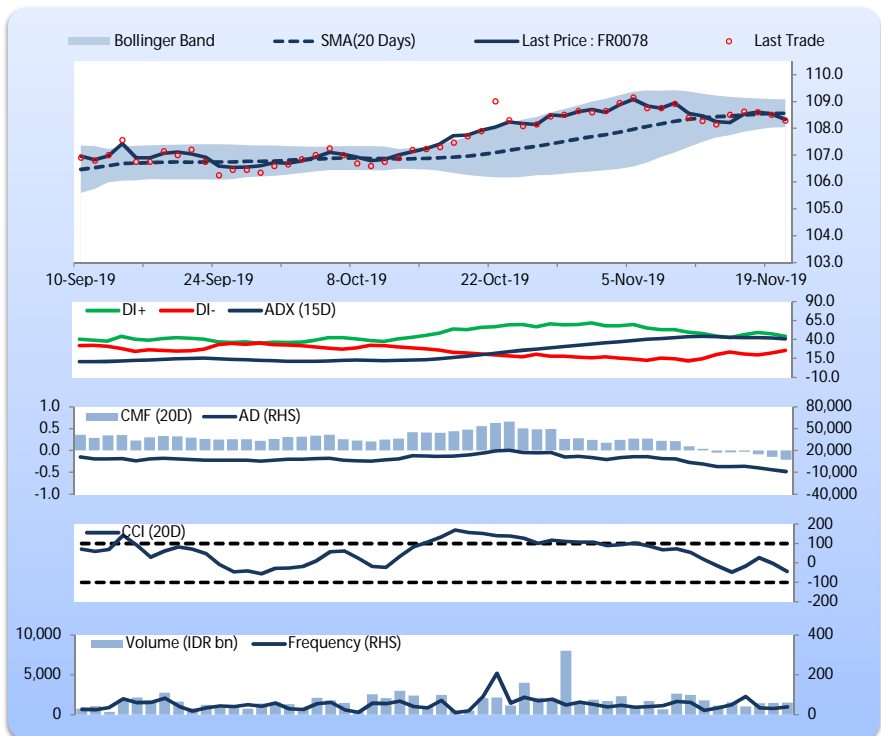
Price declined; heavy trade volume; downward trend continues to weaken; selling pressure increased; CCI declined.

**SELL**

FEATURES

Issue Date	27-Sep-18
Mature Date	15-May-29
Tenor	9.5
Coupon Rate	8.25
Last Yield	7.03
Modified Duration	6.64
Previous Coupon Date	15-Nov-19
Next Coupon Date	15-May-20

Sources: Bloomberg (Price); IDX



FR0068

INDICATORS	20-Nov-19	-1 Day	Change
Last Price	108.28	108.44	(0.16)
DI+	38.25	39.92	(1.66)
DI-	25.32	23.51	1.82
ADX (15D)	32.45	33.31	(0.87)
A/D	1,388.35	2,782.04	(1,393.69)
CMF(20D)	0.083	0.165	(0.08)
CCI	7.70	29.41	(21.71)
Volume (IDR bn)	597.46	916.85	(319.38)
Frequency	15	22	(7)

COMMENT

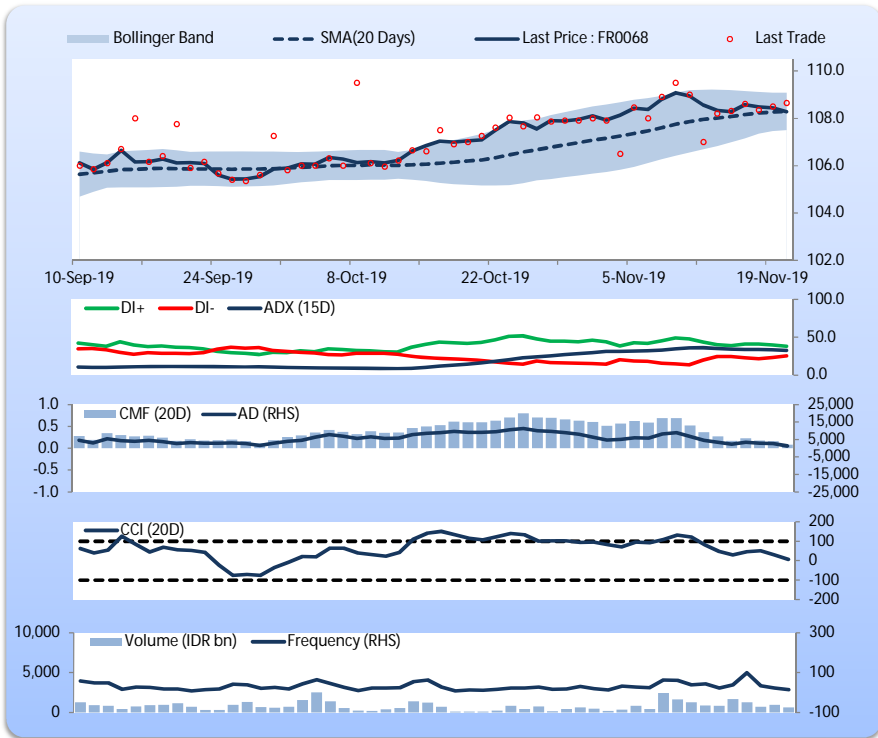
Price declined; moderate trade volume; downward trend continues to weaken; buying pressure eased; CCI declined.

SELL

FEATURES

Issue Date	1-Aug-13
Mature Date	15-Mar-34
Tenor	14.3
Coupon Rate	8.38
Last Yield	7.42
Modified Duration	8.40
Previous Coupon Date	15-Sep-19
Next Coupon Date	15-Mar-20

Sources: Bloomberg (Price); IDX



FR0079

INDICATORS	20-Nov-19	-1 Day	Change
Last Price	107.52	107.73	(0.22)
DI+	48.94	52.46	(3.51)
DI-	23.52	19.93	3.58
ADX (15D)	37.89	38.09	(0.20)
A/D	-195.27	1,127.30	(1,322.57)
CMF(20D)	-0.018	0.100	(0.12)
CCI	35.81	57.78	(21.97)
Volume (IDR bn)	571.27	773.07	(201.80)
Frequency	36	35	1

COMMENT

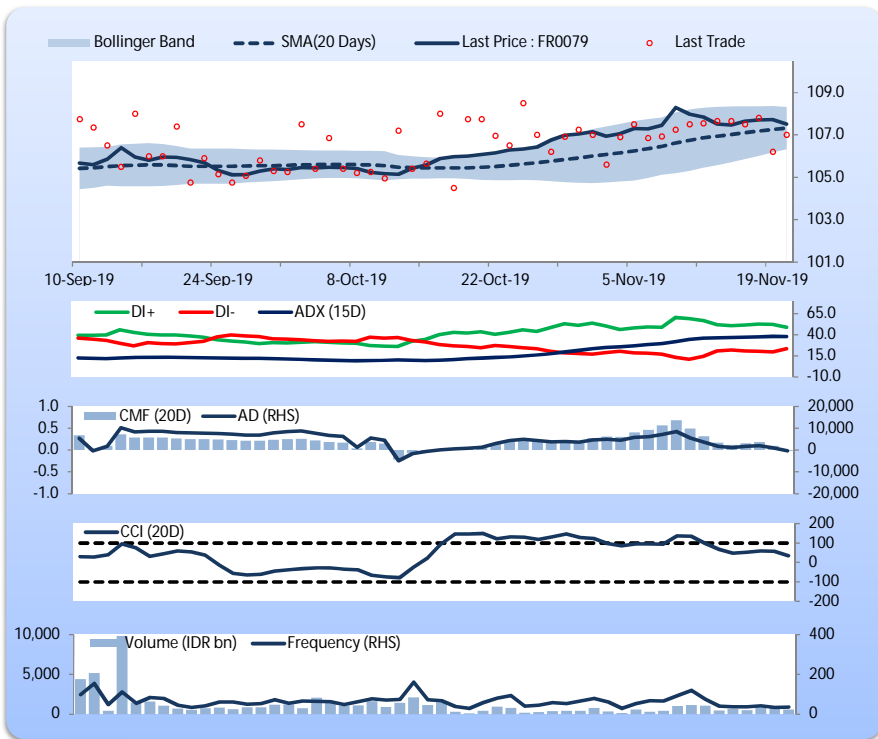
Price declined; moderate trade volume; downward trend continues to weaken; selling pressure increased; CCI declined.

SELL

FEATURES

Issue Date	7-Jan-19
Mature Date	15-Apr-39
Tenor (year)	19.4
Coupon Rate	8.38
Last Yield	7.63
Modified Duration	9.79
Previous Coupon Date	15-Oct-19
Next Coupon Date	15-Apr-20

Sources: Bloomberg (Price); IDX



Analysts: Laras Nerpatari Suliyas (3403) & Amir A. Dallimunthe (3405)

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