



API Manual
Bond Info.

The Thai Bond Market Association

April 25, 2024

List of Contents

Contents	Page
Bond features	1
Bond features (Auction Period)	6
Cash flow	11
Issue rating	12
Issuer rating	13
Event Sign Bond: Restructure (RS)	14
Event Sign Bond: Default Payment (DP)	16
Event Sign Bond: Default not related to payment (DNP)	18
Event Sign Bond: Rehabilitation (REH)	20
Event Sign Bond: Bankruptcy (BANKRUPT)	22
Event Sign Bond: Investor Caution (IC)	24
Event Sign Bond: Request Information (RI)	26
Event Sign Bond Failed to Pay (FP)	28
Event Sign Bond: Failed to Pay with Guarantee (FPG)	30

Bond features

GET /api/v1/bondinfo/bondfeature

Description: Features for all bonds that registered with ThaiBMA, an issue that has not matured. Consider for Bond current outstanding > 0), Excluding bonds registered for Mark-to-Market.

Frequency: Daily

Release schedule: 0.05 a.m., 12.05, 3:30, and 4:30 p.m.

Remark:

1. For an Inflation-linked bond, the yield (%) shown is real yield (%), and the coupon rate is real coupon (%). The current Par and Outstanding Value are unadjusted by inflation.

2. The "Duration" column is a modified duration that is calculated based on the previous date of mark-to-market that is shown on the file.

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	27	Data as of yyyy-mm-dd	2023-11-20T09:01:40.2570000
symbol	string	15	ThaiBMA Bond Symbol	A241A
isin_th	string	15	ISIN Code (Thailand)	TH0770034104
isin_en	string	15	ISIN Code (International)	-
issue_name_th	string	255	Full name of bond in Thai	หุ้นกู้มีประกันของบริษัท อารีญา พรอพเพอร์ตี้ จำกัด (มหาชน) ครั้งที่ 2/2564 ครบกำหนดไถ่ถอนปี พ.ศ. 2567 ซึ่งผู้ออกหุ้นกู้มีสิทธิไถ่ถอนหุ้นกู้ก่อนครบกำหนดไถ่ถอน
issue_name_en	string	255	Full name of bond in English	SECURED DEBENTURES OF AREEYA PROPERTY PUBLIC COMPANY LIMITED NO. 2/2564 DUE B.E. 2567 WITH THE ISSUER'S RIGHT OF EARLY REDEMPTION
issuer_name	string	255	Full name of issuer in English	AREEYA PROPERTY PUBLIC COMPANY LIMITED
issuer	string	15	Issuer abbreviation name in English	A

Parameter name	Data type	Length	Description	Example
company_rating	string	50	Issuer company rating/ rating agency	B/TRIS
company_rating_date	datetime	19	Issuer rating date (yyyy-mm-dd)	2023-11-03T00:00:00
bond_type	string	15	Bond type by the issuer (CP, CORP, GB, GRE, SA, SOE, TB, FB, EUR, CNY, JPY or USD)	CORP
principal_payment	string	30	Bond type by principal payment (Bullet Issue, Amortizing Issue, Perpetual Issue, or Conditional Payment Issue)	Bullet Issue
bond_structure	string	30	Bond structure (Plain Vanilla Issue, Securitization Issue, Structured Note, or Other Structured Issue)	Plain Vanilla Issue
debt_instrument_type	string	20	Debt instrument type (BE, DB, or PN)	DB
secure_type	string	20	Secured type (Secured or Unsecured)	Secured
secure_by	string	50	Secured By (Full Asset, Full Guarantor, Full Asset + Full Guarantor, Partial Asset or Partial Guarantor)	Full Asset
currency	string	3	Currency code (THB, CNY, USD, JPY, or EUR)	THB
collateral	string	255	Guaranteed collateral	Lands and Property valued THB 2,513,620,100.00. The issuer will remain the value of collateral to debenture not less than 1.00:1.00.
init_par	number	(18,6)	Par as of issue date (Baht)	1000
current_par	number	(18,10)	Current par (Baht)	835
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	1552.8
current_outs_size	number	(18,10)	Current outstanding size	1296.588
ttm	number	(6,6)	Time to maturity: as of time until expiration (years)	0.153424
issued_date	datetime	19	Bond issue date (yyyy-mm-dd)	2021-07-08T00:00:00
maturity_date	datetime	19	Bond maturity date (yyyy-mm-dd)	2024-01-08T00:00:00
issue_term	number	(6,6)	Issue term until expiry date (years)	2.504109

Parameter name	Data type	Length	Description	Example
register_date	datetime	19	Bond registered date at ThaiBMA (yyyy-mm-dd)	2021-07-08T00:00:00
first_coupon_date	datetime	19	Payment date of nearest coupon date (yyyy-mm-dd)	2024-01-08T00:00:00
xi_date	datetime	19	XI date	2023-12-25T00:00:00
reset_date	datetime	19	Interest rate change date with floating rate bonds	
coupon_payment	string	20	Bond type by coupon payment (Condition Coupon, Fixed Coupon, Floating Coupon, Mixed Coupon, or Zero Coupon)	Fixed Coupon
sector	string	10	Issuer business sector	PROP
call_option	boolean		Bond is a callable bond or not? (TRUE/FALSE)	TRUE
put_option	boolean		Bond is it a puttable bond or not? (TRUE/FALSE)	FALSE
distribution_type	string	10	Distribution type (HNW, II, PG, PO, PP10, PP13, PP13e, P/P, PP17, PPEX, PPCC or RO)	PP13e
claim_type	string	50	Claim type (Senior, Subordinated or Hybrid)	Senior
guarantee_type	string	20	Guarantee type	FALSE
bullet_type	boolean		Bond is a bullet bond or not? (TRUE/FALSE)	TRUE
amortizing_type	boolean		Bond is it an amortizing bond or not? (TRUE/FALSE)	FALSE
convertible_type	boolean		Bond is a convertible bond or not? (TRUE/FALSE)	FALSE
structure_type	boolean		Bond is a structured bond or not? (TRUE/FALSE)	FALSE
stepup_type	boolean		Bond is a step-up bond or not? (TRUE/FALSE)	FALSE

Parameter name	Data type	Length	Description	Example
current_xi_period	number	2	Number of dates in the XI period (For XI Date calculation) that will be 1. Positive integer in case of Bond that can specify the XI period. 2. -1 in case of “Not specify” the XI period of Bond in the ThaiBMA system ** current_xi_period will have value since the issue date of Bond (For auction period value = 1)	14
current_coupon_freq	number	2	Coupon payment frequency in the current period will be 1. Positive integer (0, 1, 2, 4, 12) in case of Bond that can specify the coupon payment frequency. 2. -1 in case of “Not specify” the coupon payment frequency of Bond in the ThaiBMA system ** current_coupon_freq will have value since the issue date of Bond (For auction period value = 1)	4
coupon_rate	number	(6,6)	Current coupon rate	7
registrar	string	255	Abbreviation name of registrar in English	CIMBT
underwriter	string	255	Abbreviation name of underwriter in English	ASL,BYD,DAOLS,MP,PI,YUANTA
bondholderrept	string	255	Abbreviation name of bondholder representatives in English	ASPS
financial_advisors	string	255	Abbreviation name of financial advisors in English	-
guarantor	string	255	Abbreviation name of guarantors in English	
calculation_method	string	20	Calculation method of cash flow	30/360
TRIS	string	10	Local issue rating by TRIS Rating	
FITCH	string	10	Local issue rating by FITCH (Thailand)	
MOODY	string	10	International Issue Rating by Moody	
SNP	string	10	International Issue rating by S&P	
FITCHINTER	string	10	International Issue rating by FITCH International	
RANDI	string	10	International Issue rating by R&I	
index_ratio	number	(6,6)	Index ratio	

Parameter name	Data type	Length	Description	Example
index_ratio_asof	datetime	19	Index ratio as of (yyyy-mm-dd)	
remark	string	5000	Remark for rating action and others	<p>Redemption of Debentures: The issuer may redeem the debentures with a single payment at maturity or may call the partial or whole amount of debentures prior to the maturity date according to the following conditions:</p> <p>(a) The call date is any dates on or after October 8, 2021.</p> <p>(b) The issuer may call at least 5% of outstanding.</p> <p>(c) The issuer is going to submit the letter for representing its desiration of early redemption by registered mail and airmail to the bondholder greater than 30 days but not more than 60 days before redemption date.</p>
risk_level	number	1	Bond risk level value 1 to-8	8
duration	number	(6,6)	Modified duration	0.147695
sustainability_goal	string	20	The Objective for the Sustainability Goal (Green Bond, Social Bond, or Sustainability Bond)	
listed_status	string	20	Issuer company listed in SET or not? (SET, Non-listed)	SET
korjor	string	20	The definition of distribution type follows with Kor Jor. 39/2564 or not? (Kor Jor. 39/2564)	
event_sign	string	20	Event sign status (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, or FPG)	

Bond features (Auction Period)

GET /api/v1/bondinfo/bondfeature-auction-period

Description: Features for all bonds that registered with ThaiBMA during the auction period, excluding bonds registered for Mark-to-Market.

Frequency: Daily

Release schedule: 0.05 a.m., 12.05, 3:30, and 4:30 p.m.

Remark:

1. The "Duration" column is a modified duration that is calculated based on the previous date of mark-to-market that is shown on the file.

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	27	Data as of yyyy-mm-dd	2024-04-25T09:19:36.3600000
symbol	string	15	ThaiBMA Bond Symbol	CB24801B
isin_th	string	15	ISIN Code (Thailand)	TH0655A74883
isin_en	string	15	ISIN Code (International)	-
issue_name_th	string	255	Full name of bond in Thai	พันธบัตรธนาคารแห่งประเทศไทยงวดที่ 18/91/67
issue_name_en	string	255	Full name of bond in English	Bank of Thailand Bond 18/91/2024
issuer_name	string	255	Full name of issuer in English	BANK OF THAILAND
issuer	string	15	Issuer abbreviation name in English	BOT
company_rating	string	50	Issuer company rating/ rating agency	
company_rating_date	datetime	19	Issuer rating date (yyyy-mm-dd)	
bond_type	string	15	Bond type by the issuer (CP, CORP, GB, GRE, SA, SOE, TB, FB, EUR, CNY, JPY or USD)	SA

Parameter name	Data type	Length	Description	Example
principal_payment	string	30	Bond type by principal payment (Bullet Issue, Amortizing Issue, Perpetual Issue, or Conditional Payment Issue)	Bullet Issue
bond_structure	string	30	Bond structure (Plain Vanilla Issue, Securitization Issue, Structured Note, or Other Structured Issue)	Plain Vanilla Issue
debt_instrument_type	string	20	Debt instrument type (BE, DB, or PN)	
secure_type	string	20	Secured type (Secured or Unsecured)	Unsecured
secure_by	string	50	Secured By (Full Asset, Full Guarantor, Full Asset + Full Guarantor, Partial Asset or Partial Guarantor)	
currency	string	3	Currency code (THB, CNY, USD, JPY, or EUR)	THB
collateral	string	255	Guaranteed collateral	-
init_par	number	(18,6)	Par as of issue date (Baht)	1000
current_par	number	(18,10)	Current par (Baht)	0
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	0
current_outs_size	number	(18,10)	Current outstanding size	
ttm	number	(6,6)	Time to maturity: as of time until expiration (years)	
issued_date	datetime	19	Bond issue date (yyyy-mm-dd)	2024-05-02T00:00:00
maturity_date	datetime	19	Bond maturity date (yyyy-mm-dd)	2024-08-01T00:00:00
issue_term	number	(6,6)	Issue term until expiry date (years)	0.249315
register_date	datetime	19	Bond registered date at ThaiBMA (yyyy-mm-dd)	2024-05-02T00:00:00
first_coupon_date	datetime	19	Payment date of nearest coupon date (yyyy-mm-dd)	2024-08-01T00:00:00
xi_date	datetime	19	XI date	2024-07-31T00:00:00
reset_date	datetime	19	Interest rate change date with floating rate bonds	

Parameter name	Data type	Length	Description	Example
coupon_payment	string	20	Bond type by coupon payment (Condition Coupon, Fixed Coupon, Floating Coupon, Mixed Coupon, or Zero Coupon)	Zero Coupon
sector	string	10	Issuer business sector	BANK
call_option	boolean		Bond is a callable bond or not? (TRUE/FALSE)	FALSE
put_option	boolean		Bond is it a puttable bond or not? (TRUE/FALSE)	FALSE
distribution_type	string	10	Distribution type (HNW, II, PG, PO, PP10, PP13, PP13e, P/P, PP17, PPEX, PPCC or RO)	PG
claim_type	string	50	Claim type (Senior, Subordinated or Hybrid)	Senior
guarantee_type	string	20	Guarantee type	FALSE
bullet_type	boolean		Bond is a bullet bond or not? (TRUE/FALSE)	TRUE
amortizing_type	boolean		Bond is it an amortizing bond or not? (TRUE/FALSE)	FALSE
convertible_type	boolean		Bond is a convertible bond or not? (TRUE/FALSE)	FALSE
structure_type	boolean		Bond is a structured bond or not? (TRUE/FALSE)	FALSE
stepup_type	boolean		Bond is a step-up bond or not? (TRUE/FALSE)	FALSE
current_xi_period	number	2	Number of dates in the XI period (For XI Date calculation) that will be 1. Positive integer in case of Bond that can specify the XI period. 2. -1 in case of “Not specify” the XI period of Bond in the ThaiBMA system ** current_xi_period will have value since the issue date of Bond (For auction period value = 1)	-1

Parameter name	Data type	Length	Description	Example
current_coupon_freq	number	2	Coupon payment frequency in the current period will be 1. Positive integer (0, 1, 2, 4, 12) in case of Bond that can specify the coupon payment frequency. 2. -1 in case of “Not specify” the coupon payment frequency of Bond in the ThaiBMA system ** current_coupon_freq will have value since the issue date of Bond (For auction period value = 1)	-1
coupon_rate	number	(6,6)	Current coupon rate	
registrar	string	255	Abbreviation name of registrar in English	BOT
underwriter	string	255	Abbreviation name of underwriter in English	-
bondholderrept	string	255	Abbreviation name of bondholder representatives in English	-
financial_advisors	string	255	Abbreviation name of financial advisors in English	-
guarantor	string	255	Abbreviation name of guarantors in English	
calculation_method	string	20	Calculation method of cash flow	Actual/365
TRIS	string	10	Local issue rating by TRIS Rating	
FITCH	string	10	Local issue rating by FITCH (Thailand)	
MOODY	string	10	International Issue Rating by Moody	
SNP	string	10	International Issue rating by S&P	
FITCHINTER	string	10	International Issue rating by FITCH International	
RANDI	string	10	International Issue rating by R&I	
index_ratio	number	(6,6)	Index ratio	
index_ratio_asof	datetime	19	Index ratio as of (yyyy-mm-dd)	
remark	string	5000	Remark for rating action and others	-
risk_level	number	1	Bond risk level value 1 to-8	
duration	number	(6,6)	Modified duration	
sustainability_goal	string	20	The Objective for the Sustainability Goal (Green Bond, Social Bond, or Sustainability Bond)	-

Parameter name	Data type	Length	Description	Example
listed_status	string	20	Issuer company listed in SET or not? (SET, Non-listed)	Non-listed
korjor	string	20	The definition of distribution type follows with Kor Jor. 39/2564 or not? (Kor Jor. 39/2564)	
event_sign	string	20	Event sign status (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, or FPG)	

Cash flow

GET [/api/v1/bondinfo/issue-cashflow](#)

Description: Cash flow for all active bonds that registered with ThaiBMA (Consider for Bond current outstanding > 0), Excluding bonds registered for Mark-to-Market.

Frequency: Daily

Release schedule: Daily, Real-time data.

Remark: The coupon (%) of Inflation Linked Bond is a real coupon (%). Interest, par value, principal, and total payment values are unadjusted by inflation.

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
cashflow_no	number	5	Cash flow number	1
asof	datetime	27	Data as of yyyy-mm-dd	2023-11-20T11:02:43.5630000
symbol	string	15	ThaiBMA bond symbol	A241A
coupon_date	datetime	19	Coupon date (yyyy-mm-dd)	2021-10-08T00:00:00
xi_date	datetime	19	XI date (yyyy-mm-dd)	2021-09-27T00:00:00
par	number	(18,10)	Par	1000
coupon_rate	number	(6,6)	Coupon rate per year	7
interest	number	(6,6)	Interest amount in each period (Baht)	17.5
principal	number	(18,6)	The principal amount in each period	0
payment	number	(18,6)	Total payment in each period	17.5

Issue rating

GET /api/v1/bondinfo/issue-rating

Description: Issue rating for all active bonds registered with ThaiBMA (Consider for Bond current outstanding > 0), Excluding bonds registered for Mark-to-Market

Frequency: Daily

Release schedule: Daily, Real-time data.

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
symbol	string	15	ThaiBMA bond symbol	ABPSPV244A
effective_date	datetime	19	Rating effective date (yyyy-mm-dd)	2023-01-31T00:00:00
rating_agency	string	10	Rating agency	TRIS
rating	string	10	Issue rating	A-
remark	string	255	Rating action remarks and others	Assigned Stable
guarantor	string	255	Abbreviation name of guarantors in English	ABP3,ABPR1,ABPR2

Issuer rating

GET [/api/v1/bondinfo/issuer-rating](#)

Description: Issuer rating for all active bonds that registered with ThaiBMA (Consider for Bond current outstanding > 0), Excluding bonds registered for Mark-to-Market.

Frequency: Daily

Release schedule: Daily, Real-time data.

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
Issuer	string	15	Issuer abbreviation name in English	A
Issuer_name	string	500	Full name of issuer in English	AREEYA PROPERTY PUBLIC COMPANY LIMITED
effective_date	datetime	19	Rating effective date (yyyy-mm-dd)	2023-11-03T00:00:00
rating_agency	string	10	Rating agency	TRIS
rating	string	10	Issuer rating	B
rating_type	string	10	Rating Type (Short term Rating, Long term Rating)	Long term Rating
remark	string	255	Rating action remarks and others	Downgraded Negative

Event Sign Bond: Restructure (RS)

POST /api/v1/bondinfo/eventsign/rs

Description: Event sign to refer to important events related to bonds for Restructure (RS): The debt securities have been approved by the resolution of the bondholders' meeting for debt restructuring or changing the redemption date or extension redemption period of debt.

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	"yyyy-mm-dd"

Example value:

```
{
  "asof": "2023-11-29T02:45:44.166Z"
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	2023-11-13T00:00:00
issuer	string	15	Issuer abbreviation name in English	CHO
issuer_name	string	255	Full name of issuer in English	CHO THAVEE PUBLIC COMPANY LIMITED
symbol	string	15	ThaiBMA Bond Symbol	CHO212A
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	RS
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	II/HNW
issue_rating	string	50	Issue rating/ rating agency	

Parameter name	Data type	Length	Description	Example
company_rating	string	50	Issuer company rating/ rating agency	
issued_date	datetime	19	Bond issue date	2019-02-22T00:00:00
original_maturity_date	datetime	19	The bond maturity date specified on the issuance date	2021-02-22T00:00:00
extended_maturity_date	datetime	19	The bond maturity date specified has been approved by the resolution of the bondholders' meeting for debt restructuring or changing the redemption date or extension redemption period of debt.	2025-06-15T00:00:00
current_coupon	number	(6,6)	Current Coupon (%)/Year	7.75
ttm	number	(6,6)	Time to maturity: as of time until expiration (years)	1.589
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	545.3
outstanding	number	(18,10)	Current outstanding size (Million Baht)	408.975
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	Partial Collateral
option	string	20	Does Bond have a Call/Put option or not?	CALL
registrar	string	255	Abbreviation name of Registra in English	TTB
bondrep	string	255	Abbreviation name of bondholder representatives in English	GBS
cross_default	number	(18,6)	Cross default amount (Million Baht)	300
cross_default_remark	string	5000	Cross default remark	

Event Sign Bond: Default Payment (DP)

POST /api/v1/bondinfo/eventsign/dp

Description: Event sign to refer to important events related to bonds for Default Payment (DP):

- Debt securities do not pay principal payment or interest including in case of an issuer company is unable to pay the principal or interest as a result of an automatic stay. Due to being in a condition of automatic stay.
- ThaiBMA receives notifications from Issuers or Bond Holders' Representatives which contents of the notifications are regarded as default of bonds caused by Cross Default (Event of Default).

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	"yyyy-mm-dd"

Example value:

```
{
  "asof": "2023-01-05T02:56:33.350Z"
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	2023-01-05T00:00:00
issuer	string	15	Issuer abbreviation name in English	ACAP
issuer_name	string	255	Full name of issuer in English	ASIA CAPITAL GROUP PUBLIC COMPANY LIMITED
symbol	string	15	ThaiBMA Bond Symbol	ACAP19OA
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	DP

Parameter name	Data type	Length	Description	Example
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	II/HNW
issue_rating	string	50	Issue rating/Rating agency	
company_rating	string	50	Issuer company rating/Rating agency	
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	768.6
outstanding	number	(18,10)	Current outstanding size (Million Baht)	668.682
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	Unsecured
registrar	string	255	Abbreviation name of Registra in English	CIMBT
bondrep	string	255	Abbreviation name of bondholder representatives in English	-
cross_default	number	(18,6)	Cross default amount (Million Baht)	500

Event Sign Bond: Default not related to payment (DNP)

POST /api/v1/bondinfo/eventsign/dnp

Description: Event sign to refer to important events related to bonds for Default not related to payment (DNP): The Event of Default under the terms and conditions of the bond has occurred because the issuer has failed to comply with covenants or provisions stipulated in the terms and conditions of the bond other than the default according to the criteria for posting sign DP, FP or FPG.

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	“yyyy-mm-dd”

Example value:

```
{
  "asof": "2023-11-29T03:03:08.544Z"
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	2023-10-23T00:00:00
issuer	string	15	Issuer abbreviation name in English	JKN
issuer_name	string	255	Full name of issuer in English	JKN GLOBAL GROUP PUBLIC COMPANY LIMITED
symbol	string	15	ThaiBMA Bond Symbol	JKN243A
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	DNP,IC

Parameter name	Data type	Length	Description	Example
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	II/HNW
issue_rating	string	50	Issue rating/Rating agency	
company_rating	string	50	Issuer company rating/Rating agency	
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	300
outstanding	number	(18,10)	Current outstanding size (Million Baht)	300
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	Unsecured
registrar	string	255	Abbreviation name of Registra in English	TTB
bondrep	string	255	Abbreviation name of bondholder representatives in English	DAOLS
cross_default	number	(18,6)	Cross default amount (Million Baht)	300

Event Sign Bond: Rehabilitation (REH)

POST /api/v1/bondinfo/eventsign/reh

Description: Event sign to refer to important events related to bonds for Debt securities under a business rehabilitation plan approved by the Bankruptcy Court.

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	“yyyy-mm-dd”

Example value:

```
{
  "asof": "2023-11-29T08:39:18.789Z"
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	2023-10-23T00:00:00
issuer	string	15	Issuer abbreviation name in English	PACE
issuer_name	string	255	Full name of issuer in English	PACE DEVELOPMENT CORPORATION PUBLIC COMPANY LIMITED
symbol	string	15	ThaiBMA Bond Symbol	PACE202A
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	REH
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	II/HNW

Parameter name	Data type	Length	Description	Example
issue_rating	string	50	Issue rating/Rating agency	
company_rating	string	50	Issuer company rating/Rating agency	
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	1219
outstanding	number	(18,10)	Current outstanding size (Million Baht)	1219
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	Unsecured
registrar	string	255	Abbreviation name of Registra in English	TTB
bondrep	string	255	Abbreviation name of bondholder representatives in English	-
cross_default	number	(18,6)	Cross default amount (Million Baht)	500

Event Sign Bond: Bankruptcy (BANKRUPT)

POST /api/v1/bondinfo/eventsign/bankrupt

Description: Event sign to refer to important events related to bonds for Bankruptcy (BANKRUPT): The issuer has been adjudged bankrupt by the Bankruptcy Court.

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	“yyyy-mm-dd”

Example value:

```
{
  "asof": "2023-11-29T08:47:43.531Z"
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	2023-10-23T00:00:00
issuer	string	15	Issuer abbreviation name in English	EARTH
issuer_name	string	255	Full name of issuer in English	ENERGY EARTH PUBLIC COMPANY LIMITED
symbol	string	15	ThaiBMA Bond Symbol	EARTH17DA
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	BANKRUPT
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	II/HNW

Parameter name	Data type	Length	Description	Example
issue_rating	string	50	Issue rating/Rating agency	
company_rating	string	50	Issuer company rating/Rating agency	
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	1500
outstanding	number	(18,10)	Current outstanding size (Million Baht)	1500
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	Unsecured
registrar	string	255	Abbreviation name of Registra in English	KTB
bondrep	string	255	Abbreviation name of bondholder representatives in English	-
cross_default	number	(18,6)	Cross default amount (Million Baht)	500

Event Sign Bond: Bankruptcy (IC)

POST /api/v1/bondinfo/eventsign/ic

Description: Event sign to refer to important events related to bonds for Investor Caution (IC): Investors must be cautious investing. ThaiBMA has guidelines for posting IC signs as follows: Determining the meeting date of bondholders' meeting that requires resolution passed by a majority of not less than 75% in the following matters.

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	"yyyy-mm-dd"

Example value:

```
{
  "asof": "2023-11-29T08:53:31.244Z"
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	2023-10-22T00:00:00
issuer	string	15	Issuer abbreviation name in English	CMO
issuer_name	string	255	Full name of issuer in English	CMO PUBLIC COMPANY LIMITED
symbol	string	15	ThaiBMA Bond Symbol	CMO23NA
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	IC
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	II/HNW

Parameter name	Data type	Length	Description	Example
issue_rating	string	50	Issue rating/Rating agency	
company_rating	string	50	Issuer company rating/Rating agency	
issued_date	datetime	19	Bond issue date	2023-01-27T00:00:00
current_maturity_date	datetime	19	Current bond maturity date	2025-11-27T00:00:00
current_coupon	number	(6,6)	Current Coupon (%)/Year	6.5
ttm	number	(6,6)	Time to maturity: as of time until expiration (years)	2.1014
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	100
outstanding	number	(18,10)	Current outstanding size (Million Baht)	100
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	Unsecured
option	string	20	Does bond have a Call/Put option or not?	CALL
registrar	string	255	Abbreviation name of Registra in English	TTB
bondrep	string	255	Abbreviation name of bondholder representatives in English	ASPS

Event Sign Bond: Request Information (RI)

POST /api/v1/bondinfo/eventsign/ri

Description: Event sign to refer to important events related to bonds for Request Information (RI): ThaiBMA is requesting additional information from the issuer.

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	“yyyy-mm-dd”

Example value:

```
{
  "asof": "2023-11-29T09:07:50.287Z"
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	
issuer	string	15	Issuer abbreviation name in English	
issuer_name	string	255	Full name of issuer in English	
symbol	string	15	ThaiBMA Bond Symbol	
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	

Parameter name	Data type	Length	Description	Example
issue_rating	string	50	Issue rating/Rating agency	
company_rating	string	50	Issuer company rating/Rating agency	
issued_date	datetime	19	Bond issue date	
current_maturity_date	datetime	19	Current bond maturity date	
current_coupon	number	(6,6)	Current Coupon (%)/Year	
ttm	number	(6,6)	Time to maturity: as of time until expiration (years)	
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	
outstanding	number	(18,10)	Current outstanding size (Million Baht)	
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	
option	string	20	Bond have Call/Put option or not?	
registrar	string	255	Abbreviation name of Registra in English	
bondrep	string	255	Abbreviation name of bondholder representatives in English	

Event Sign Bond: Failed to Pay (FP)

POST /api/v1/bondinfo/eventsign/fp

Description: Event sign to refer to important events related to bonds for Failed to Pay (FP): The issuer of the bond has failed to pay the principal or interest in full on the maturity date or interest payment date as specified in the terms and conditions of the bond, but whether or not such failure constitutes an Event of Default depends on the terms and conditions of the bond.

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	“yyyy-mm-dd”

Example value:

```
{
  "asof": "2023-11-29T09:22:33.655Z"
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	
issuer	string	15	Issuer abbreviation name in English	
issuer_name	string	255	Full name of issuer in English	
symbol	string	15	ThaiBMA Bond Symbol	
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	

Parameter name	Data type	Length	Description	Example
issue_rating	string	50	Issue rating/Rating agency	
company_rating	string	50	Issuer company rating/Rating agency	
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	
outstanding	number	(18,10)	Current outstanding size (Million Baht)	
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	
registrar	string	255	Abbreviation name of Registra in English	
bondrep	string	255	Abbreviation name of bondholder representatives in English	
cross_default	number	(18,6)	Cross default amount (Million Baht)	

Event Sign Bond: Failed to Pay with Guarantee (FPG)

POST /api/v1/bondinfo/eventsign/fpg

Description: Event sign to refer to important events related to bonds for Failed to Pay with Guarantee (FPG): The issuer of the guaranteed bond has failed to pay the principal or interest payment date as specified in the terms and conditions of the guaranteed bond, but whether or not such failure constitutes an Event of Default depends on the terms and conditions of the bond.

Frequency: Daily, Calendar Day

Release schedule: Daily, Information is updated once a day at midnight.

Request body (Method: POST)

Parameter name	Data type	Description	Format
asof	String	Data as of	“yyyy-mm-dd”

Example value:

```
{
  "asof": "2023-11-29T09:31:21.306Z "
}
```

Responses:

Code	Description
200	Success
400	Bad Request
401	Unauthorized
500	Internal Server Error

Details:

Parameter name	Data type	Length	Description	Example
asof	datetime	19	Event sign as of	
issuer	string	15	Issuer abbreviation name in English	
issuer_name	string	255	Full name of issuer in English	
symbol	string	15	ThaiBMA Bond Symbol	
event_sign	string	10	Event abbreviation name in English (RS, DP, DNP, REH, BANKRUPT, IC, RI, FP, FPG)	
distribution_type	string	10	Distribution type (PO, II, II/HNW, PG, PP10, PPCC, PPEX and RO)	

Parameter name	Data type	Length	Description	Example
issue_rating	string	50	Issue rating/Rating agency	
company_rating	string	50	Issuer company rating/Rating agency	
issue_size	number	(18,0)	Total amount of issued bond (Million Baht)	
outstanding	number	(18,10)	Current outstanding size (Million Baht)	
secure_type	string	20	Secured type (If a bond is secured, it will display Secured By (Full Asset, Full Guarantor, Full Asset and Full Guarantor, Partial Asset, or Partial Guarantor), and if it is not secured, it will display Unsecured)	
registrar	string	255	Abbreviation name of Registra in English	
bondrep	string	255	Abbreviation name of bondholder representatives in English	
cross_default	number	(18,6)	Cross default amount (Million Baht)	