

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
7UP-W4	0.06	0.13	0.32	2.34		1 : 1	-55		70.63	605.92	5.33	08-Aug-22	Last Trading of June
AKR-W1	0.05	0	0.4	1.15	1.00	1 : 1	N/A	162.50	43.00	671.57	8.00	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.15	0.08	1.37	0.70	3.00	1 : 1	78.88	129.93	86.83	230.98	9.13	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.01	0.09	1.23	0.40	1 : 1	N/A	366.67	101.48	499.97	4.50	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.06	0.27	0.6	1.16		1 : 1	-78		52.19	95.83	10.00	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.01	0	0.86	0.10	2.00	1 : 1	N/A	133.72	100.04	102.47	86.00	15-May-20	25 Jun and 25 Dec of each year
AYUD-W1	0.09	0.04	31.25	0.08	37.85	1 : 1.03	126.47	22.06	37.06	78.51	357.64	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.17	0.16	7.36	1 : 0.204	N/A	863.40	75.84	1,756.00	3.47	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.06	0.03	1.86	2.65	3.97	1 : 1.00731	106.3	117.57	33.55	358.73	31.23	30-Nov-22	Last trading day of Nov
BM-W1	0.02	0	1.3	0.35	4.00	1 : 1	N/A	209.23	55.06	110.00	65.00	14-Aug-20	16 Aug 2020
BROOK-W5	0.10	0.04	0.35	2.12	0.25	1 : 1	136.15	0.00	42.16	1,403.31	3.50	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W5	0.59	0.22	8.8	0.86	14.00	1 : 1	168.78	65.80	43.41	1,315.39	14.92	16-Feb-21	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.14	0.73	4.99	1 : 0.12024	N/A	417.40	90.26	3,437.23	1.68	28-Dec-20	30 of Nov
B-W4	0.02	0	0.14	1.23	0.92	1 : 1.3087	N/A	747.83	90.26	96.85	9.16	01-Jul-21	Last trading day of June, Dec
B-W5	0.03	0.01	0.14	0.94	0.35	1 : 1	155.5	171.43	90.26	290.56	4.67	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.04	0	0.58	1.22	2.75	1 : 1	N/A	381.03	32.91	1,652.87	14.50	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.01	0	0.74	1.14	1.99	1 : 1.003	N/A	171.32	27.10	1,445.60	74.22	28-May-21	Last trading day of May, Nov
CHO-W2	0.03	0	0.42	0.73	0.86	1 : 1	N/A	111.90	23.58	636.40	14.00	30-Dec-20	Last trading day of June, Dec
CI-W1	0.01	0	0.55	0.14	2.16	1 : 1.0172	N/A	300.13	57.17	98.77	55.95	29-May-20	Last trading day of May, Nov
CKP-W1	0.04	0	3.1	0.14	6.00	1 : 1.0007	N/A	94.91	51.25	1,111.15	77.55	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.93	0.01	1.58	0.24	3.00	1 : 1	N/A	148.73	65.17	60.63	1.70	02-Jul-20	15th of Jan, Jul
DCC-W1	0.26	0.21	1.44	1.08	1.15	1 : 1	21.01	-2.08	27.17	1,907.75	5.54	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.34	0.07	4	1.25	15.75	1 : 1	355.08	302.25	76.01	182.22	11.76	07-Jul-21	Last trading day of May, Nov
D-W1	0.33	0.12	2.2	1.91	4.00	1 : 1	175.26	96.82	40.75	40.00	6.67	04-Mar-22	Last trading day of Feb, May, Aug ,Nov
ECF-W3	0.18	0	0.98	0.87	5.00	1 : 1.0008	N/A	428.49	62.16	129.95	5.45	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2

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	Market	Black Scholes											
ECL-W3	0.08	0	0.6	0.83	1.85	1 : 1	N/A	221.67	64.32	554.43	7.50	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.03	0.15	0.60	1 : 1	N/A	1933.33	209.07	1,377.16	3.00	02-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0	0.03	0.15	0.50	1 : 1	N/A	1600.00	209.07	772.51	3.00	02-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	N/A	0.04	0.27	1.00	1 : 2.32054	N/A	5627.31	241.96	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.01	0.03	0.04	1.19	1.00	1 : 2.32054	-67.75	5627.31	241.96	16.42	9.28	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.02	0.03	0.07	3.52	0.15	1 : 1	-21.45	142.86	102.44	4,216.75	3.50	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.26	0.01	2.76	0.69	4.83	1 : 1.0361	N/A	87.31	35.12	85.54	11.00	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.01	N/A	0.22	0.22	0.96	1 : 1.04545	N/A	354.98	42.61	138.79	23.00	26-Jun-20	Last Trading of June
GLOCON-W4	0.11	0.09	0.44	1.79	0.50	1 : 1	27.2	38.64	57.02	749.60	4.00	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.14	0.04	0.39	1.16	0.50	1 : 1.00828	216.06	63.57	55.00	110.50	2.81	04-Jun-21	Last trading day of June, Dec
HYDRO-W1 <i>SP</i>	0.04	0.02	0.19	1.85	1.00	1 : 1	95.29	447.37	93.92	98.12	4.75	10-Feb-22	First business day of Mar, Jun, Sept and Dec
ITEL-W1	0.25	0.03	1.72	1.13	5.00	1 : 1	630.12	205.23	61.94	249.99	6.88	23-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.02	1.26	5.1	0.24	3.61	1 : 1.192	-19.23	-11.10	67.64	1,257.15	5.96	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.03	0	0.62	0.27	3.50	1 : 1	N/A	469.35	83.12	241.12	20.67	14-Jul-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.05	N/A	3.46	0.09	13.33	1 : 1.125	N/A	322.65	55.63	108.00	77.85	09-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	2.38	2.1	13.6	1.39	18.62	1 : 1.02031	13.37	55.53	67.07	221.49	5.83	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.08	0.01	0.38	2.18	2.00	1 : 1	483.06	447.37	66.67	156.48	4.75	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.28	0.03	2.32	2.05	4.00	2 : 1	870.12	84.48	46.81	157.10	8.29	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.05	0.01	0.56	1.39	2.10	1 : 1	308.01	283.93	68.88	1,375.54	11.20	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.01	0	0.4	0.64	3.50	1 : 1	N/A	777.50	93.52	91.07	40.00	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.02	0.01	0.55	2.26	2.00	1 : 1.099	35.93	294.33	55.09	405.44	30.22	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.55	0.26	1.75	1 : 1.03	N/A	226.23	55.09	905.04	56.65	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	1.32	0.7	16.2	1.48	43.00	1 : 1	88.33	173.58	59.82	230.85	12.27	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	N/A	0.01	1.18	0.02	1 : 1	N/A	160.00		14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	0.33	0.18	1.38	1.68	6.48	1 : 1.00255	81.58	394.74	99.60	108.78	4.19	13-Dec-21	Last trading day of June, Dec

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NOK-W1	0.01	N/A	0.79	0.14	3.19	1 : 1.5695	N/A	477.95	71.03	127.75	123.99	29-May-20	Last trading day of Mar, June, Sept, Dec
NVD-W1	0.07	0	1.09	1.27	7.86	1 : 1.018	N/A	638.82	54.81	276.12	15.85	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.22	0.07	0.81	1.85	1.00	1 : 1	228.44	50.62	33.63	603.22	3.68	13-Feb-22	13 Feb 2022
ORI-W1	0.14	0	3.94	0.48	13.33	1 : 1	N/A	241.96	56.91	609.86	28.14	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2 <i>SP</i>	0.01	0.04	0.06	2.88	2.00	1 : 1	-72.97	3250.00	214.66	2,460.22	6.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3 <i>SP</i>	0.01	0.05	0.06	2.39	0.25	1 : 1	-78.02	333.33	214.66	1,167.36	6.00	29-Aug-22	29 Nov 19
PDI-W1	0.24	0	3.94	1.10	33.00	1 : 1	N/A	743.65	35.21	75.33	16.42	14-May-21	15 May, 15 Nov
PDJ-W4	0.15	0.11	0.98	0.84	1.00	1 : 1	37.05	17.35	46.40	51.19	6.53	07-Feb-21	7 Feb 21
PERM-W1	0.08	0.02	0.56	2.19	1.80	1 : 1	363.65	235.71	51.01	250.00	7.00	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.53	0.11	1.37	2.14	5.91	1 : 1.09999	400.08	407.00	76.90	46.00	2.84	27-May-22	Last trading day of June, Dec
PPPM-W4	0.09	0.1	0.37	4.32	1.00	1 : 1	-13.08	194.59	74.98	228.83	4.11	31-Jul-24	Last trading day of Oct
PRIME-W1	0.01	N/A	0.24	0.71	1.08	1 : 1.3946	N/A	491.13	59.33	347.00	33.47	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	N/A	0.24	0.71	1.53	1 : 1.3095	N/A	713.30	59.33	261.75	15.71	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.03	0.03	0.94	0.25	1.53	1 : 1.174	13.03	77.81	85.99	31.68	36.79	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.01	N/A	0.59	0.24	2.25	1 : 1.22449	N/A	345.76	62.77	157.08	72.24	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	0.23	0.01	8.7	0.13	12.44	1 : 1.0047	N/A	45.87	44.51	187.52	38.00	23-May-20	Last trading day of Apr, Oct
RWI-W2	0.06	0.15	1.08	1.75	1.50	1 : 1	-60.92	44.44	58.80	318.15	18.00	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SAMART-W2	0.35	0.04	4.64	1.11	14.80	1 : 1.014	801.6	229.68	58.01	335.43	13.44	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.04	0.01	0.81	0.56	1.00	1 : 1	208.93	28.40	30.65	93.41	20.25	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	3.02	0.06	37.25	0.18	48.48	1 : 1.237	4706.54	47.31	67.65	31.05	15.26	11-Jun-20	Last trading day of May,Nov
SDC-W1	0.07	0.01	0.08	3.15	0.50	1 : 1	435.07	612.50	85.87	1,731.04	1.14	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.04	N/A	2	0.12	13.32	1 : 1.1261	N/A	639.62	45.40	37.81	56.31	20-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.24	0.02	2	5.12	26.64	1 : 1.1261	1288.95	1400.87	45.40	37.81	9.38	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.77	0.98	2	1.25	1.00	1 : 1	-21.35	-11.50	45.40	43.69	2.60	08-Jul-21	9 Jul 2021
SINGER-W1	1.20	0.29	4.18	1.04	7.00	1 : 1	312.54	96.17	58.13	65.75	3.48	23-Apr-21	Last trading day of Mar, June, Sept, Dec

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SINGER-W2	1.09	0.33	4.18	3.04	14.00	1 : 1	231.51	261.00	58.13	65.75	3.83	21-Apr-23	Last trading day of Mar, June, Sept, Dec	
SMART-W2	0.15	0.01	0.79	1.48	1.50	1 : 1	N/A	108.86	35.30	92.00	5.27	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an	
SMT-W2	0.01	0	0.79	0.14	2.10	1 : 1	N/A	167.09	65.92	209.12	79.00	29-May-20	Last trading day of Mar, Sept, Dec	
SST-W2	0.32	0	2.94	1.48	10.00	1 : 1	N/A	251.02	32.32	30.39	9.19	30-Sep-21	Last trading day of June, Dec	
SUPER-W4	0.01	0	0.35	0.40	2.49	1 : 1	N/A	614.29	44.65	5,469.68	35.00	31-Aug-20	Last trading day of Feb, May, Aug, Nov	
SWC-W1	2.28	1.59	3.96	2.00	1.00	1 : 1	42.96	-17.17	34.36	143.32	1.74	08-Apr-22	Last business day of every 6 month after the iss	
TAKUNI-W	0.02	N/A	0.27	0.81	1.79	1 : 1.12	N/A	638.81	52.93	400.00	15.12	28-Jan-21	Last trading day of Dec	
TCC-W3	0.03	0.01	0.16	1.98	0.81	1 : 1.23886	N/A	524.19	65.62	92.20	6.61	01-Apr-22	Last trading day of Mar, June, Sept, Dec	
TCC-W4	0.03	0.01	0.16	3.10	0.90	1 : 1.10801	168.51	535.31	65.62	369.34	5.91	14-May-23	Last trading day of Mar, June, Sept, Dec	
TCC-W5	0.08	0.07	0.16	8.13	0.50	1 : 1	11.59	262.50	65.62	98.41	2.00	24-May-28	Last trading day of Jul	
TCJ-W2	0.02	N/A	2.14	0.16	9.80	1 : 1.02	N/A	366.25	56.01	31.53	109.14	05-Jun-20	Last trading day of Mar, June, Sept, Dec	
TFG-W2	0.01	N/A	3.24	0.12	8.95	1 : 1.06157	N/A	187.41	61.72	510.81	343.95	19-May-20	Last trading day of June, Dec	
TGPRO-W3	0.01	0.02	0.05	3.45	0.50	1 : 1	-49.54	920.00	144.12	1,944.51	5.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec	
THE-W2	SP	0.01	0	1.26	0.03	3.50	4 : 1	N/A	178.57	55.13	2,191.76	126.00	18-Apr-20	Last trading day of Apr, Oct
TH-W2	0.01	0	0.5	0.19	1.00	1 : 1	N/A	102.00	39.14	321.67	50.00	16-Jun-20	Last Trading of June	
TNITY-W1	0.11	0.03	3	0.95	5.00	1 : 1	303.51	70.33	42.21	97.28	27.27	19-Mar-21	Last trading day of Mar, June, Sept, Dec	
TRITN-W3	0.05	0.01	0.15	1.14	0.25	1 : 1.00027	236.66	99.98	62.89	1,606.61	3.00	29-May-21	Last trading day of Mar, June, Sept, Dec	
TTCL-W1	0.21	0	2.34	1.22	18.00	1 : 1	N/A	678.21	55.16	112.00	11.14	28-Jun-21	Last trading day of June, Dec	
TVD-W2	0.07	0.03	0.5	0.99	1.00	1 : 1.002	159.38	113.83	64.15	162.48	7.16	02-Apr-21	Last trading day of June, Dec	
UAC-W2	0.09	0	2.3	0.23	5.55	1 : 1	N/A	145.22	44.41	66.76	25.56	30-Jun-20	Last trading day of Mar, June, Sept, Dec	
U-W4	0.01	0	0.77	2.94	6.00	1 : 0.01	N/A	6.81	57.77	141,895.49	0.77	15-Mar-23	Last trading day of Mar, June, Sept, Dec	
VGI-W2	0.65	0.8	5.7	2.43	10.00	1 : 1	-19.23	86.84	55.02	1,661.33	8.77	11-Sep-22	Last trading day of Mar, June, Sept, Dec	
VIBHA-W2	0.36	0.36	1.37	0.19	1.00	1 : 1.00086	0.24	-0.80	29.57	361.66	3.81	14-Jun-20	30th of Sep	
VIBHA-W3	0.10	0.01	1.37	2.19	3.00	1 : 1.00086	810.55	126.17	29.57	1,011.62	13.71	14-Jun-22	30 Sep of each year	
WAVE-W1	0.02	0	0.93	0.09	6.00	1 : 1	N/A	547.31	54.19	42.12	46.50	09-May-20	Last trading day of June, Dec	

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	Market	Black Scholes											
WIJK-W2	0.08	0.01	1.06	1.74	4.22	1 : 1.185	N/A	362.32	49.67	124.97	15.70	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.04	N/A	0.48	4.03	2.70	1 : 2	N/A	941.67	51.80	413.03	24.00	17-Apr-24	Last trading day of Mar, June, Sept, Dec