

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	0.11	0.19	0.45	2.49		1 : 1	-41.33		60.19	605.92	4.09	08-Aug-22	Last Trading of June
AKR-W1	0.08	0	0.61	1.30	1.00	1 : 1	N/A	77.05	26.35	671.57	7.63	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.30	0.11	1.89	0.85	3.00	1 : 1	174.18	74.60	56.64	230.98	6.30	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.02	0.15	1.38	0.40	1 : 1	0.55	180.00	87.91	499.97	7.50	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.08	0.32	0.7	1.31		1 : 1	-74.86		52.10	95.83	8.75	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.12	0.05	1.4	0.25	2.00	1 : 1	130.32	51.43	77.56	102.47	11.67	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	0.46	1.73	39	0.24	39.00	1 : 1	-73.4	1.18	26.13	78.51	84.78	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.19	0.32	7.36	1 : 0.204	N/A	770.37	65.31	1,756.00	3.88	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.10	0	2.44	2.80	3.97	1 : 1.00731	N/A	67.33	16.39	358.73	24.58	30-Nov-22	Last trading day of Nov
BM-W1	0.05	0	1.91	0.51	4.00	1 : 1	N/A	112.04	33.54	110.00	38.20	14-Aug-20	16 Aug 2020
BROOK-W5	0.13	0.1	0.42	2.27	0.25	1 : 1	32.63	-9.52	32.86	1,403.31	3.23	20-May-22	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.21	0.88	4.99	1 : 0.12024	N/A	274.26	69.08	3,437.23	2.53	28-Dec-20	30 of Nov
B-W4	0.03	0	0.21	1.39	0.92	1 : 1.3087	N/A	461.16	69.08	96.85	9.16	01-Jul-21	Last trading day of June, Dec
B-W5	0.03	0.02	0.21	1.09	0.35	1 : 1	30.03	80.95	69.08	290.56	7.00	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.09	0	0.88	1.37	2.75	1 : 1	N/A	222.73	22.02	1,652.87	9.78	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.01	0	0.81	1.29	2.00	1 : 1	N/A	148.15	23.28	1,445.60	81.00	28-May-21	Last trading day of May, Nov
CHO-W2	0.07	0	0.59	0.88	0.86	1 : 1	N/A	57.63	19.40	636.40	8.43	30-Dec-20	Last trading day of June, Dec
CI-W1	0.01	0	0.8	0.30	2.16	1 : 1.0172	N/A	174.55	28.89	98.77	81.38	29-May-20	Last trading day of May, Nov
CKP-W1	0.11	0.01	4.14	0.29	6.00	1 : 1.0007	N/A	47.62	34.25	1,111.15	37.66	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.68	0	1.75	0.39	3.00	1 : 1	N/A	110.29	31.02	60.63	2.57	02-Jul-20	15th of Jan, Jul
DCC-W1	0.56	0.48	1.84	1.24	1.15	1 : 1	16.53	-7.07	16.12	1,907.75	3.29	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.58	0.4	8.3	1.40	15.75	1 : 1	45.53	96.75	57.01	182.22	14.31	07-Jul-21	Last trading day of May, Nov
ECF-W3	0.32	0	1.22	1.03	5.00	1 : 1.0008	N/A	335.99	57.27	129.95	3.82	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.18	0.01	1.18	0.99	1.85	1 : 1	1391.92	72.03	30.70	554.43	6.56	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.05	0.30	0.60	1 : 1	N/A	1120.00	184.05	1,377.16	5.00	01-Jun-20	22 Jun and 22 Dec of each year

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EFORL-W4	0.01	0	0.05	0.30	0.50	1 : 1	N/A	920.00	184.05	772.51	5.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	N/A	0.04	0.43	1.00	1 : 2.32054	N/A	5627.31	250.17	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.04	0.04	1.35	1.00	1 : 2.32054	-51.89	5685.32	250.17	16.42	4.64	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.03	0.04	0.12	3.68	0.15	1 : 1	-27.11	50.00	77.34	4,216.75	4.00	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.43	0.1	3.7	0.85	4.83	1 : 1.0361	325.89	43.57	30.98	85.54	8.92	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.02	0	0.39	0.37	0.96	1 : 1.04545	N/A	157.35	51.70	138.79	20.39	26-Jun-20	Last Trading of June
GLOCON-W4	0.27	0.2	0.72	1.94	0.50	1 : 1	33.01	6.94	37.34	749.60	2.67	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.18	0.12	0.57	1.31	0.50	1 : 1	55.44	19.30	36.58	110.50	3.17	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.34	0.01	2.26	1.28	5.00	1 : 1	3009.1	136.28	35.58	249.99	6.65	23-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	2.06	1.77	5.35	0.40	3.61	1 : 1.192	16.47	7.02	63.84	1,257.15	3.10	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.05	0	0.83	0.42	3.50	1 : 1	N/A	327.71	67.37	241.12	16.60	14-Jul-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.28	0	4.74	0.24	15.00	1 : 1	N/A	222.36	47.13	108.00	16.93	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	5.70	5.72	24.2	1.54	18.62	1 : 1.02031	-0.26	0.51	38.24	221.49	4.33	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.20	0.01	0.83	2.33	2.00	1 : 1	1689.57	165.06	33.05	156.48	4.15	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.72	0.08	4.54	2.20	4.00	2 : 1	818.16	3.96	24.88	157.10	6.31	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.13	0.04	1.42	1.54	2.10	1 : 1	234.25	57.04	30.09	1,375.54	10.92	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.06	0.04	1.3	0.79	3.50	1 : 1	51.51	173.85	74.86	91.07	21.67	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.04	0	0.52	2.41	2.00	1 : 1.099	N/A	321.88	39.04	405.44	14.29	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.52	0.41	1.75	1 : 1.03	N/A	245.22	39.04	905.04	53.56	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	2.66	2.26	33.75	1.64	43.00	1 : 1	17.93	35.29	28.82	230.85	12.69	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	0.01	0.01	1.33	0.02	1 : 1	N/A	160.00	222.52	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	0.53	0.08	2	1.84	6.48	1 : 1.00255	550.76	251.31	59.95	108.78	3.78	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.03	N/A	1.91	0.30	3.19	1 : 1.5695	N/A	107.30	28.13	127.75	99.92	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3 <i>SP</i>	0.01	N/A	0.54	0.02	1.00	1 : 1	N/A	87.04	55.40	693.94	54.00	19-Feb-20	Last trading day of May, Nov
NVD-W1	0.12	0	1.8	1.42	7.86	1 : 1.018	N/A	349.51	32.61	276.12	15.27	15-Jul-21	Last trading day of May, Nov

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	Market	Black Scholes											
OCEAN-W3	0.44	0.2	1.19	2.01	1.00	1 : 1	122.25	21.01	23.28	603.22	2.70	13-Feb-22	13 Feb 2022
ORI-W1	0.24	0	6.45	0.64	13.33	1 : 1	N/A	110.44	34.30	609.86	26.88	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.04	0.08	3.03	2.00	1 : 1	-51.97	2425.00	182.52	2,460.22	4.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.04	0.06	0.08	2.55	0.25	1 : 1	-29.11	262.50	182.52	1,167.36	2.00	29-Aug-22	29 Nov 19
PDI-W1	0.32	0	5.25	1.25	33.00	1 : 1	N/A	534.67	24.39	75.33	16.41	14-May-21	15 May, 15 Nov
PDJ-W4	0.32	0.32	1.31	0.99	1.00	1 : 1	-0.52	0.76	26.27	51.19	4.09	07-Feb-21	7 Feb 21
PERM-W1	0.13	0.02	0.69	2.35	1.80	1 : 1	595.52	179.71	41.86	250.00	5.31	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.66	0.26	2.2	2.29	5.91	1 : 1.09999	154.71	218.45	66.28	46.00	3.67	27-May-22	Last trading day of June, Dec
PPPM-W4	0.16	0.29	0.49	4.47	1.00	1 : 1	-44.3	136.73	130.80	228.83	3.06	31-Jul-24	Last trading day of Oct
PRIME-W1	0.03	N/A	0.36	0.86	1.08	1 : 1.3946	N/A	288.68	55.36	347.00	16.74	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.01	N/A	0.36	0.86	1.53	1 : 1.3095	N/A	428.24	55.36	261.75	47.14	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.20	0.12	1.39	0.40	1.53	1 : 1.174	60.46	28.97	52.14	31.68	8.16	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.03	N/A	0.85	0.39	2.25	1 : 1.22449	N/A	205.43	26.12	157.08	34.69	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	0.85	0.32	10.9	0.28	12.44	1 : 1.0047	167.45	22.05	40.48	187.52	12.88	23-May-20	Last trading day of Apr, Oct
RWI-W2	0.11	0.17	1.35	1.90	1.50	1 : 1	-35.73	19.26	38.99	318.15	12.27	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SAMART-W2	0.59	0.13	8.25	1.26	14.80	1 : 1.014	357.93	87.76	35.91	335.43	14.18	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.08	0.04	0.93	0.72	1.00	1 : 1	86.65	16.13	27.38	93.41	11.63	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	31.25	35.06	77	0.33	48.48	1 : 1.237	-10.87	4.38	31.40	31.05	3.05	11-Jun-20	Last trading day of May, Nov
SDC-W1	0.09	0.02	0.18	3.30	0.50	1 : 1	287.83	227.78	56.19	1,731.04	2.00	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.04	N/A	1.67	0.27	13.32	1 : 1.1261	N/A	788.27	30.63	37.81	47.01	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.26	N/A	1.67	5.27	26.64	1 : 1.1261	N/A	1701.29	30.63	37.81	7.23	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.66	0.67	1.67	1.41	1.00	1 : 1	-1.16	-0.60	30.63	43.69	2.53	08-Jul-21	9 Jul 2021
SINGER-W1	1.89	0.9	6.25	1.20	7.00	1 : 1	110.16	42.24	46.14	65.75	3.31	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.55	0.66	6.25	3.19	14.00	1 : 1	136.34	148.80	46.14	65.75	4.03	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2	0.16	0.01	0.91	1.64	1.50	1 : 1	N/A	82.42	21.88	92.00	5.69	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an

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	Market	Black Scholes												
SMT-W2	0.05	0	1.05	0.30	2.10	1 : 1	N/A	104.76	59.14	209.12	21.00	29-May-20	Last trading day of Mar, Sept , Dec	
SST-W2	0.70	0	3.6	1.64	10.00	1 : 1	N/A	197.22	21.74	30.39	5.14	30-Sep-21	Last trading day of June, Dec	
STAR-W3	SP	0.01	0.02	3.26	0.03	4.00	1 : 1	-56.35	23.01	101.47	135.45	326.00	22-Feb-20	25 of Jun, Dec
SUPER-W4		0.01	0	0.52	0.55	2.49	1 : 1	N/A	380.77	33.36	5,469.68	52.00	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SVI-W3		0.30	0.2	3.02	0.12	2.94	1 : 1.5098	53.5	11.04	70.59	30.00	15.20	26-Mar-20	15 of Jul
SWC-W1		2.52	0.54	3.56	2.16	1.00	1 : 1	368.92	-1.12	31.81	143.32	1.41	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W		0.04	0	0.39	0.96	1.88	1 : 1.07	N/A	419.77	33.86	400.00	10.43	28-Jan-21	Last trading day of Dec
TCC-W3		0.05	0.02	0.22	2.14	0.81	1 : 1.23886	206.42	358.71	65.10	92.20	5.45	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4		0.04	0.02	0.22	3.25	0.90	1 : 1.10801	63.83	364.13	65.10	369.34	6.09	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5		0.13	0.11	0.22	8.29	0.50	1 : 1	16.17	186.36	65.10	98.41	1.69	24-May-28	Last trading day of Jul
TCJ-W2		0.10	N/A	3.26	0.32	9.80	1 : 1.02	N/A	207.88	31.54	31.53	33.25	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2		0.06	0	4.04	0.27	9.50	1 : 1	N/A	136.63	46.48	510.81	67.33	18-May-20	Last trading day of June, Dec
TGPRO-W3		0.01	0.02	0.06	3.61	0.50	1 : 1	-53.34	750.00	129.00	1,944.51	6.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2		0.01	0	1.93	0.18	3.50	4 : 1	N/A	81.87	49.52	2,191.76	193.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2		0.01	0	0.6	0.35	1.00	1 : 1	N/A	68.33	38.10	321.67	60.00	16-Jun-20	Last Trading of June
TNITY-W1		0.18	0.01	3.78	1.10	5.00	1 : 1	N/A	37.04	18.33	97.28	21.00	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3		0.11	0.05	0.28	1.30	0.25	1 : 1.00027	102.91	28.55	36.28	1,606.61	2.55	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1		0.39	0	3.78	1.38	18.00	1 : 1	N/A	386.51	45.53	112.00	9.69	28-Jun-21	Last trading day of June, Dec
TVD-W2		0.21	0.09	1.01	1.14	1.00	1 : 1.002	135.56	19.64	33.14	162.48	4.82	02-Apr-21	Last trading day of June, Dec
UAC-W2		0.15	0	2.66	0.38	5.55	1 : 1	N/A	114.29	16.77	66.76	17.73	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2		0.01	0	0.4	0.09	0.50	1 : 1	N/A	27.50	42.45	103.01	40.00	14-Mar-20	Last trading day of May,Nov
U-W4		0.01	0	1.56	3.09	6.00	1 : 0.01	N/A	2.85	43.06	141,895.49	1.56	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2		1.13	1.14	8.8	2.58	10.00	1 : 1	-1.11	26.48	29.74	1,661.33	7.79	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2		0.63	0.61	1.63	0.34	1.00	1 : 1.00086	3.02	-0.06	17.93	361.66	2.59	14-Jun-20	30th of Sep
VIBHA-W3		0.16	0	1.63	2.34	3.00	1 : 1.00086	N/A	93.76	17.93	1,011.62	10.20	14-Jun-22	30 Sep of each year

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	Market	Black Scholes											
WAVE-W1	0.02	0	1.06	0.24	6.00	1 : 1	N/A	467.92	50.00	42.12	53.00	08-May-20	Last trading day of June, Dec
WHA-W1	SP 0.05	N/A	3.38	0.06	3.42	1 : 10.2396	N/A	26.69	28.95	55.87	692.20	05-Mar-20	25 of Jun, Dec
WIIC-W2	0.13	0.01	1.3	1.89	4.22	1 : 1.185	N/A	278.11	44.42	124.97	11.85	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.07	N/A	0.69	4.18	2.70	1 : 2	N/A	602.90	43.65	413.03	19.71	17-Apr-24	Last trading day of Mar, June, Sept, Dec