

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	0.13	0.23	0.54	2.68		1 : 1	-42.22		75.34	605.92	4.15	08-Aug-22	Last Trading of June
AKR-W1	0.11	0.01	0.67	1.49	1.00	1 : 1	779.91	65.67	26.46	671.57	6.09	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.28	0.06	1.95	1.05	3.00	1 : 1	337.32	68.21	38.74	230.98	6.96	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.02	0.16	1.58	0.40	1 : 1	-5.27	162.50	78.57	499.97	8.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.09	0.33	0.73	1.51		1 : 1	-72.88		50.24	95.83	8.11	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.18	0.06	1.32	0.45	2.00	1 : 1	209.56	65.15	67.03	102.47	7.33	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	1.87	2.15	39	0.43	39.00	1 : 1	-13.12	4.79	24.13	78.56	20.86	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.2	0.51	7.50	1 : 0.2	N/A	731.00	61.71	1,756.00	4.00	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.12	0	2.7	3.00	3.97	1 : 1.00731	N/A	51.90	12.51	358.73	22.66	30-Nov-22	Last trading day of Nov
BM-W1	0.12	0	1.98	0.70	4.00	1 : 1	N/A	108.08	34.91	110.00	16.50	14-Aug-20	16 Aug 2020
BROOK-W5	0.17	0.14	0.47	2.47	0.25	1 : 1	25.86	-10.64	38.10	1,407.38	2.76	20-May-22	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.22	1.07	4.99	1 : 0.12024	N/A	261.25	87.62	3,437.23	2.65	28-Dec-20	30 of Nov
B-W4	0.03	0.02	0.22	1.58	0.92	1 : 1.3087	31.84	434.25	87.62	96.85	9.60	01-Jul-21	Last trading day of June, Dec
B-W5	0.04	0.05	0.22	1.28	0.35	1 : 1	-12.84	77.27	87.62	290.56	5.50	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.11	0	0.92	1.57	2.75	1 : 1	N/A	210.87	20.25	1,652.87	8.36	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.02	0	0.84	1.49	2.00	1 : 1	N/A	140.48	32.05	1,445.62	42.00	28-May-21	Last trading day of May, Nov
CHO-W2	0.11	0.04	0.74	1.08	0.86	1 : 1	202.2	31.08	29.31	649.42	6.73	30-Dec-20	Last trading day of June, Dec
CI-W1	0.05	0	0.87	0.49	2.16	1 : 1.0172	N/A	157.00	26.51	98.86	17.70	29-May-20	Last trading day of May, Nov
CKP-W1	0.49	0.23	5.3	0.49	6.00	1 : 1.0007	114.81	22.47	32.15	1,111.15	10.82	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.80	0.06	1.83	0.58	3.00	1 : 1	1305.4	107.65	55.07	60.63	2.29	02-Jul-20	15th of Jan, Jul
DCC-W1	0.61	0.49	1.86	1.43	1.15	1 : 1	25.15	-5.38	17.34	1,907.75	3.05	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.63	0.5	7.65	1.60	15.75	1 : 1	25.22	114.12	64.07	182.22	12.14	07-Jul-21	Last trading day of May, Nov
ECF-W3	0.80	0	2.08	1.22	5.00	1 : 1.0008	N/A	178.79	23.49	129.95	2.60	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.31	0.03	1.24	1.18	1.85	1 : 1	980.72	74.19	33.26	554.43	4.00	05-Feb-21	Last Business Day of every six months from the is
EFORL-W3	0.01	0	0.04	0.50	0.60	1 : 1	N/A	1425.00	218.04	1,377.16	4.00	01-Jun-20	22 Jun and 22 Dec of each year

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	Market	Black Scholes											
EFORL-W4	0.01	0	0.04	0.50	0.50	1 : 1	N/A	1175.00	218.04	772.51	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	0	0.04	0.62	1.00	1 : 2.32054	N/A	5627.31	243.75	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.05	0.04	1.54	1.00	1 : 2.32054	-57.13	5685.32	243.75	16.42	4.64	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.07	0.04	0.13	3.87	0.15	1 : 1	68.1	69.23	66.51	4,216.75	1.86	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.63	0.18	3.72	1.04	4.83	1 : 1.0361	255.49	48.35	35.91	85.54	6.12	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.12	0	0.41	0.57	0.96	1 : 1.04545	N/A	170.08	51.45	138.79	3.57	26-Jun-20	Last Trading of June
GJS-W3	0.01	0	0.13	0.18	0.17	1 : 0.5	N/A	18.00	87.05	3,674.43	6.50	07-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.26	0.21	0.73	2.14	0.50	1 : 1	23.48	4.11	35.38	749.60	2.81	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.25	0.18	0.65	1.51	0.50	1 : 1	39.29	15.38	39.95	110.50	2.60	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.37	0.02	2.8	1.47	5.00	1 : 1	1568.55	91.79	29.03	249.99	7.57	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.65	1.71	5.2	0.59	3.61	1 : 1.192	-3.49	1.26	68.30	1,294.92	3.76	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.14	0	1.11	0.58	3.50	1 : 1	N/A	227.93	67.26	241.12	7.93	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.73	0	4.78	0.44	15.00	1 : 1	N/A	229.08	46.12	108.00	6.55	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	4.92	4.39	22.4	1.74	18.62	1 : 1.02031	12.02	5.20	33.45	222.00	4.65	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.30	0.01	0.9	2.52	2.00	1 : 1	N/A	155.56	25.65	156.48	3.00	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.95	0.22	4.62	2.40	4.00	2 : 1	334.32	7.14	32.45	157.10	4.86	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.21	0.04	1.39	1.74	2.10	1 : 1	473.25	66.19	29.35	1,375.54	6.62	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.12	0.03	1.35	0.99	3.50	1 : 1	350.7	168.15	58.52	91.07	11.25	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W3	SP	N/A	0.78	0.05	2.73	1 : 1.099	N/A	276.44	40.65	625.70	85.72	21-Dec-19	Last trading day of June, Dec
MILL-W4	0.04	0.02	0.78	2.61	2.00	1 : 1.099	82.34	177.95	40.65	405.44	21.43	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.78	0.61	1.75	1 : 1.03	N/A	129.15	40.65	905.04	80.34	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	3.48	3.76	38.5	1.83	43.00	1 : 1	-7.54	20.73	25.19	230.85	11.06	30-Sep-21	15th of Feb, May, Aug, Nov
NCL-W3	SP	N/A	1.09	0.01	2.40	1 : 1.5	N/A	181.65	36.12	64.88	163.50	07-Dec-19	28 Jun 19, 6 Dec 19
NEWS-W6	0.01	0.01	0.01	1.53	0.02	1 : 1	N/A	160.00	396.78	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	0.97	0.15	2.04	2.03	6.48	1 : 1.00255	568.03	266.04	64.89	108.78	2.11	13-Dec-21	Last trading day of June, Dec

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NOK-W1	0.09	N/A	2	0.49	3.19	1 : 1.5695	N/A	100.11	25.52	127.75	34.88	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3	0.04	N/A	0.32	0.21	1.00	1 : 1	N/A	225.00	40.43	693.94	8.00	18-Feb-20	Last trading day of May,Nov
NVD-W1	0.13	0	1.97	1.62	7.86	1 : 1.018	N/A	311.08	30.48	276.12	15.43	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.48	0.23	1.22	2.20	1.00	1 : 1	104.8	21.31	28.22	603.22	2.54	13-Feb-22	13 Feb 2022
ORI-W1	0.58	0.04	6.9	0.83	13.33	1 : 1	1327.73	101.64	41.45	609.86	11.90	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.01	0.03	0.07	3.23	2.00	1 : 1	-60.52	2771.43	151.32	2,460.22	7.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.07	0.04	0.07	2.74	0.25	1 : 1	67.7	357.14	151.32	1,167.36	1.00	29-Aug-22	29 Nov 19
PDI-W1	0.54	0	7.2	1.45	33.00	1 : 1	N/A	365.83	26.43	75.33	13.33	14-May-21	15 May, 15 Nov
PDJ-W3	0.60	0.59	1.62	0.18	1.00	1 : 1	1.23	-1.23	23.40	25.59	2.70	07-Feb-20	7 Feb 20
PDJ-W4	0.61	0.59	1.62	1.19	1.00	1 : 1	3.02	-0.62	23.40	51.19	2.66	07-Feb-21	7 Feb 21
PERM-W1	0.19	0.07	0.76	2.54	1.80	1 : 1	191.95	161.84	53.13	250.00	4.00	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.77	0.12	2.08	2.48	5.91	1 : 1.09999	550.46	243.22	52.44	46.00	2.97	27-May-22	Last trading day of June, Dec
PPPM-W4	0.21	0.42	0.66	4.67	1.00	1 : 1	-50.2	83.33	140.34	228.83	3.14	31-Jul-24	Last trading day of Oct
PRIME-W1	0.02	N/A	0.38	1.06	1.08	1 : 1.3946	N/A	262.48	64.61	347.00	26.50	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	0	0.38	1.06	1.53	1 : 1.3095	N/A	402.26	64.61	261.75	24.88	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.29	0.13	1.41	0.59	1.53	1 : 1.174	122.85	34.39	40.68	31.68	5.71	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.04	N/A	0.91	0.58	2.25	1 : 1.22449	N/A	185.15	18.95	157.08	27.86	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	1.92	1.46	13.4	0.47	12.44	1 : 1.0047	31.65	7.21	35.33	187.52	7.01	23-May-20	Last trading day of Apr, Oct
SAMART-W2	0.56	0.07	7.1	1.46	14.80	1 : 1.014	674.57	117.97	36.21	335.43	12.86	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.13	0.03	0.92	0.91	1.00	1 : 1	311.94	22.83	20.48	93.41	7.08	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	18.30	18.37	62.75	0.53	48.48	1 : 1.237	-0.39	7.94	31.90	39.95	4.24	11-Jun-20	Last trading day of May,Nov
SDC-W1	0.10	0.02	0.2	3.50	0.50	1 : 1	318.3	200.00	49.87	1,731.04	2.00	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.21	N/A	1.69	0.46	13.32	1 : 1.1261	N/A	788.94	24.07	37.81	9.06	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.25	N/A	1.69	5.47	26.64	1 : 1.1261	N/A	1679.16	24.07	37.81	7.61	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.66	0.68	1.69	1.60	1.00	1 : 1	-3.62	-1.78	24.07	43.69	2.56	08-Jul-21	9 Jul 2021

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	Market	Black Scholes											
SINGER-W1	1.76	0.79	5.7	1.39	7.00	1 : 1	123.13	53.68	47.12	65.75	3.24	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.32	0.56	5.7	3.39	14.00	1 : 1	133.65	168.77	47.12	65.75	4.32	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2	0.21	0.06	0.98	1.83	1.50	1 : 1	277.61	74.49	34.95	92.00	4.67	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.19	0.01	1.2	0.49	2.10	1 : 1	N/A	90.83	48.31	209.12	6.32	29-May-20	Last trading day of Mar, Sept , Dec
SST-W2	1.01	0	3.84	1.83	10.00	1 : 1	N/A	186.72	23.86	30.39	3.80	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.30	0.28	3.52	0.22	4.00	1 : 1	6.69	22.16	89.91	135.45	11.73	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.02	0	0.56	0.75	2.49	1 : 1	N/A	348.21	38.77	5,469.68	28.00	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SVI-W3	0.98	0.75	5.05	0.32	4.44	1 : 1	30.48	7.33	36.15	30.00	5.15	26-Mar-20	15 of Jul
SWC-W1	2.78	0.61	3.82	2.35	1.00	1 : 1	356.39	-1.05	32.08	143.32	1.37	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.04	0	0.45	1.16	1.88	1 : 1.07	N/A	349.53	36.18	400.00	12.04	28-Jan-21	Last trading day of Dec
TCC-W3	0.04	0.02	0.24	2.33	0.81	1 : 1.23886	105.8	313.33	60.99	92.20	7.43	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.05	0.03	0.24	3.45	0.90	1 : 1.10801	86	329.17	60.99	369.34	5.32	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.14	0.12	0.24	8.48	0.50	1 : 1	17.88	166.67	60.99	98.41	1.71	24-May-28	Last trading day of Jul
TCJ-W2	0.31	0	3.84	0.51	9.80	1 : 1.02	N/A	166.65	25.67	31.53	12.63	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	0.67	0.01	4.66	0.46	9.50	1 : 1	5831.96	118.24	49.57	510.81	6.96	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.07	3.80	0.50	1 : 1	-50.6	628.57	109.22	1,944.51	7.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.78	0.38	3.50	4 : 1	N/A	97.19	37.16	2,191.76	178.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.06	0	0.6	0.54	1.00	1 : 1	N/A	76.67	39.61	321.67	10.00	16-Jun-20	Last Trading of June
TNITY-W1	0.30	0.01	4	1.30	5.00	1 : 1	1917.85	32.50	16.66	97.28	13.33	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.11	0.07	0.3	1.49	0.25	1 : 1.00027	65.7	19.98	33.61	1,606.61	2.73	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.50	0.03	5.85	1.57	18.00	1 : 1	1570.73	216.24	41.59	112.00	11.70	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.23	0.08	1.05	1.33	1.00	1 : 1.002	174.01	16.99	25.65	162.48	4.57	02-Apr-21	Last trading day of June, Dec
TWZ-W5	0.01	0	0.07	0.16	0.10	1 : 1	N/A	57.14	94.09	2,289.87	7.00	31-Jan-20	30 Jan 20
UAC-W2	0.27	N/A	2.9	0.58	5.55	1 : 1	N/A	100.69	16.17	66.76	10.74	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.20	0.01	0.41	0.28	0.50	1 : 1	1835.83	70.73	43.56	103.01	2.05	14-Mar-20	Last trading day of May,Nov

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	Market	Black Scholes											
U-W4	0.01	0	1.92	3.28	6.00	1 : 0.01	N/A	2.13	39.22	141,895.49	1.92	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.81	1.54	9.9	2.78	10.00	1 : 1	17.83	19.29	25.73	1,661.33	5.47	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.91	0.85	1.88	0.53	1.00	1 : 1.00086	6.66	1.54	20.63	361.66	2.07	14-Jun-20	30th of Sep
VIBHA-W3	0.22	0.03	1.88	2.53	3.00	1 : 1.00086	696.13	71.18	20.63	1,011.62	8.55	14-Jun-22	30 Sep of each year
WAVE-W1	0.15	0	1.68	0.43	6.00	1 : 1	N/A	266.07	41.35	42.12	11.20	08-May-20	Last trading day of June, Dec
WHA-W1	9.00	8.22	4.22	0.25	3.42	1 : 10.2396	9.47	1989.22	20.04	79.06	4.80	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.13	0	1.22	2.09	4.22	1 : 1.185	N/A	304.12	41.45	124.97	11.12	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.10	N/A	0.73	4.38	2.70	1 : 2	N/A	567.12	30.47	413.03	14.60	17-Apr-24	Last trading day of Mar, June, Sept, Dec