

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	0.12	0.2	0.49	2.55		1 : 1	-41.22		71.97	605.92	4.08	08-Aug-22	Last Trading of June
AKR-W1	0.10	0	0.62	1.36	1.00	1 : 1	N/A	77.42	24.14	671.57	6.20	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.25	0.02	1.33	0.91	3.00	1 : 1	1311.2	144.36	50.69	230.98	5.32	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.02	0.15	1.44	0.40	1 : 1	-6.66	180.00	88.09	499.97	7.50	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.08	0.33	0.73	1.37		1 : 1	-75.89		51.48	95.83	9.13	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.11	0.06	1.41	0.32	2.00	1 : 1	89.47	49.65	72.43	102.47	12.82	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	1.12	1.65	38.5	0.30	39.00	1 : 1	-32.24	4.21	25.66	78.51	34.38	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.19	0.38	7.36	1 : 0.204	N/A	770.37	66.54	1,756.00	3.88	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.11	0	2.54	2.86	3.97	1 : 1.00731	N/A	61.11	14.91	358.73	23.26	30-Nov-22	Last trading day of Nov
BM-W1	0.08	0	1.91	0.57	4.00	1 : 1	N/A	113.61	35.01	110.00	23.88	14-Aug-20	16 Aug 2020
BROOK-W5	0.15	0.11	0.44	2.33	0.25	1 : 1	35.22	-9.09	32.52	1,403.31	2.93	20-May-22	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.24	0.94	4.99	1 : 0.12024	N/A	238.48	84.19	3,437.23	2.89	28-Dec-20	30 of Nov
B-W4	0.04	0.02	0.24	1.45	0.92	1 : 1.3087	100.82	392.61	84.19	96.85	7.85	01-Jul-21	Last trading day of June, Dec
B-W5	0.05	0.05	0.24	1.15	0.35	1 : 1	5.12	66.67	84.19	290.56	4.80	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.10	0	0.87	1.43	2.75	1 : 1	N/A	227.59	21.62	1,652.87	8.70	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.02	0	0.83	1.35	2.00	1 : 1	N/A	143.37	23.10	1,445.60	41.50	28-May-21	Last trading day of May, Nov
CHO-W2	0.08	0.01	0.68	0.95	0.86	1 : 1	N/A	38.24	18.28	636.40	8.50	30-Dec-20	Last trading day of June, Dec
CI-W1	0.04	N/A	0.83	0.36	2.16	1 : 1.0172	N/A	168.24	28.99	98.77	21.11	29-May-20	Last trading day of May, Nov
CKP-W1	0.22	0.03	4.5	0.35	6.00	1 : 1.0007	556.3	38.25	33.65	1,111.15	20.47	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.68	0.02	1.8	0.45	3.00	1 : 1	4402.52	104.44	46.06	60.63	2.65	02-Jul-20	15th of Jan, Jul
DCC-W1	0.60	0.55	1.93	1.30	1.15	1 : 1	9.39	-9.33	16.92	1,907.75	3.22	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.61	0.28	7.5	1.46	15.75	1 : 1	114.13	118.13	55.75	182.22	12.30	07-Jul-21	Last trading day of May, Nov
ECF-W3	0.42	0	1.26	1.09	5.00	1 : 1.0008	N/A	330.09	56.94	129.95	3.00	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.25	0.01	1.17	1.05	1.85	1 : 1	1831.54	79.49	31.28	554.43	4.68	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.05	0.36	0.60	1 : 1	N/A	1120.00	193.04	1,377.16	5.00	01-Jun-20	22 Jun and 22 Dec of each year

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	Market	Black Scholes											
EFORL-W4	0.01	0	0.05	0.36	0.50	1 : 1	N/A	920.00	193.04	772.51	5.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	N/A	0.03	0.49	1.00	1 : 2.32054	N/A	7580.43	244.25	190.75	6.96	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.03	0.03	1.41	1.00	1 : 2.32054	-29.61	7657.78	244.25	16.42	3.48	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.03	0.05	0.13	3.74	0.15	1 : 1	-33.96	38.46	75.13	4,216.75	4.33	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.52	0.11	3.64	0.91	4.83	1 : 1.0361	384.35	48.56	32.41	85.54	7.25	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.05	0	0.4	0.43	0.96	1 : 1.04545	N/A	158.65	51.11	138.79	8.36	26-Jun-20	Last Trading of June
GJS-W3 <i>SP</i>	0.01	0	0.12	0.05	0.17	1 : 0.5	N/A	23.67	87.32	3,674.43	6.00	08-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.24	0.22	0.75	2.00	0.50	1 : 1	7.53	-1.33	37.16	749.60	3.13	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.25	0.14	0.61	1.37	0.50	1 : 1	76.67	22.95	35.97	110.50	2.44	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.30	0.01	2.38	1.34	5.00	1 : 1	2093.76	122.69	34.25	249.99	7.93	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.71	1.63	5.15	0.46	3.61	1 : 1.192	4.7	3.82	67.98	1,257.15	3.59	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.06	0	0.86	0.44	3.50	1 : 1	N/A	313.95	68.95	241.12	14.33	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.57	0	5.25	0.30	15.00	1 : 1	N/A	196.57	47.24	108.00	9.21	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	4.88	4.82	22.5	1.60	18.62	1 : 1.02031	1.24	4.54	39.83	221.49	4.70	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.21	0.01	0.83	2.39	2.00	1 : 1	N/A	166.27	28.66	156.48	3.95	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.80	0.13	4.7	2.26	4.00	2 : 1	526.15	2.13	26.36	157.10	5.88	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.18	0.04	1.44	1.60	2.10	1 : 1	368.07	58.33	29.54	1,375.54	8.00	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.10	0.01	1.29	0.85	3.50	1 : 1	744.81	179.07	56.22	91.07	12.90	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.03	0.01	0.64	2.47	2.00	1 : 1.099	N/A	239.20	41.58	405.44	23.45	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.64	0.47	1.75	1 : 1.03	N/A	179.93	41.58	905.04	65.92	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	3.06	2.33	35	1.70	43.00	1 : 1	31.29	31.60	25.72	230.85	11.44	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	0.01	0.01	1.39	0.02	1 : 1	N/A	160.00	244.94	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	0.69	0.08	2.14	1.90	6.48	1 : 1.00255	769.81	235.81	55.38	108.78	3.11	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.02	N/A	2	0.36	3.19	1 : 1.5695	N/A	94.62	27.91	127.75	156.95	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3	0.01	0	0.53	0.08	1.00	1 : 1	N/A	90.57	50.20	693.94	53.00	19-Feb-20	Last trading day of May, Nov

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	Market	Black Scholes											
NVD-W1	0.15	0	1.89	1.48	7.86	1 : 1.018	N/A	329.64	30.28	276.12	12.83	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.49	0.22	1.2	2.07	1.00	1 : 1	127.68	24.17	26.58	603.22	2.45	13-Feb-22	13 Feb 2022
ORI-W1	0.58	0.03	7.35	0.70	13.33	1 : 1	1747.7	89.30	39.73	609.86	12.67	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.02	0.05	3.09	2.00	1 : 1	-5.41	3940.00	171.23	2,460.22	2.50	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.04	0.03	0.05	2.61	0.25	1 : 1	28.03	480.00	171.23	1,167.36	1.25	29-Aug-22	29 Nov 19
PDI-W1	0.46	0	6.15	1.32	33.00	1 : 1	N/A	444.07	23.05	75.33	13.37	14-May-21	15 May, 15 Nov
PDJ-W3 <i>SP</i>	0.41	0.47	1.49	0.05	1.00	1 : 1	-11.98	-5.37	25.16	25.59	3.63	08-Feb-20	7 Feb 20
PDJ-W4	0.47	0.47	1.49	1.05	1.00	1 : 1	-1.01	-1.34	25.16	51.19	3.17	07-Feb-21	7 Feb 21
PERM-W1	0.16	0.02	0.72	2.41	1.80	1 : 1	665.33	172.22	40.63	250.00	4.50	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.84	0.37	2.56	2.35	5.91	1 : 1.09999	125.53	180.00	64.35	46.00	3.35	27-May-22	Last trading day of June, Dec
PPPM-W4	0.21	0.35	0.56	4.53	1.00	1 : 1	-40.22	116.07	141.27	228.83	2.67	31-Jul-24	Last trading day of Oct
PRIME-W1	0.03	N/A	0.37	0.92	1.08	1 : 1.3946	N/A	277.11	60.94	347.00	17.20	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	N/A	0.37	0.92	1.53	1 : 1.3095	N/A	416.67	60.94	261.75	24.23	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.22	0.13	1.4	0.46	1.53	1 : 1.174	68.43	29.60	48.40	31.68	7.47	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.03	N/A	0.91	0.45	2.25	1 : 1.22449	N/A	183.81	25.27	157.08	37.14	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	1.45	1.5	13.6	0.34	12.44	1 : 1.0047	-3.44	2.16	37.55	187.52	9.42	23-May-20	Last trading day of Apr, Oct
SAMART-W2	0.53	0.03	7.1	1.32	14.80	1 : 1.014	1511.25	117.54	32.82	335.43	13.58	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.10	0.05	0.96	0.78	1.00	1 : 1	99.4	14.58	24.77	93.41	9.60	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	23.60	27.32	70.5	0.39	48.48	1 : 1.237	-13.63	2.77	31.73	31.05	3.70	11-Jun-20	Last trading day of May,Nov
SDC-W1	0.09	0.02	0.18	3.36	0.50	1 : 1	329.12	227.78	53.50	1,731.04	2.00	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.12	N/A	1.65	0.33	13.32	1 : 1.1261	N/A	804.65	29.72	37.81	15.48	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.25	N/A	1.65	5.33	26.64	1 : 1.1261	N/A	1722.60	29.72	37.81	7.43	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.69	0.65	1.65	1.47	1.00	1 : 1	5.9	2.42	29.72	43.69	2.39	08-Jul-21	9 Jul 2021
SINGER-W1	1.89	0.81	5.95	1.26	7.00	1 : 1	133.39	49.41	45.69	65.75	3.15	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.50	0.56	5.95	3.25	14.00	1 : 1	169.4	160.50	45.69	65.75	3.97	21-Apr-23	Last trading day of Mar, June, Sept, Dec

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SMART-W2	0.17	0.01	0.91	1.70	1.50	1 : 1	1467.03	83.52	24.86	92.00	5.35	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.10	0.01	1.15	0.36	2.10	1 : 1	N/A	91.30	58.84	209.12	11.50	29-May-20	Last trading day of Mar, Sept , Dec
SST-W2	0.72	0	3.8	1.70	10.00	1 : 1	N/A	182.11	20.32	30.39	5.28	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.01	0.2	3.68	0.09	4.00	1 : 1	-95.07	8.97	96.61	135.45	368.00	22-Feb-20	25 of Jun, Dec
SUPER-W4	0.01	0	0.54	0.61	2.49	1 : 1	N/A	362.96	35.42	5,469.68	54.00	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SVI-W3	0.61	0.68	3.34	0.18	2.94	1 : 1.5098	-10	9.53	70.53	30.00	8.27	26-Mar-20	15 of Jul
SWC-W1	2.60	0.56	3.64	2.22	1.00	1 : 1	366.7	-1.10	31.43	143.32	1.40	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.04	N/A	0.4	1.02	1.88	1 : 1.07	N/A	406.60	33.43	400.00	10.70	28-Jan-21	Last trading day of Dec
TCC-W3	0.05	0.02	0.22	2.20	0.81	1 : 1.23886	178.99	358.71	65.02	92.20	5.45	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.05	0.03	0.22	3.32	0.90	1 : 1.10801	93.24	369.17	65.02	369.34	4.88	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.14	0.11	0.22	8.35	0.50	1 : 1	25.02	190.91	65.02	98.41	1.57	24-May-28	Last trading day of Jul
TCJ-W2	0.17	0	3.52	0.38	9.80	1 : 1.02	N/A	187.02	29.51	31.53	21.12	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	0.29	0	4.82	0.33	9.50	1 : 1	N/A	103.11	47.00	510.81	16.62	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.07	3.67	0.50	1 : 1	-58.67	628.57	122.31	1,944.51	7.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.97	0.24	3.50	4 : 1	N/A	78.17	43.36	2,191.76	197.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.06	0	0.6	0.41	1.00	1 : 1	N/A	76.67	40.77	321.67	10.00	16-Jun-20	Last Trading of June
TNITY-W1	0.20	0.01	3.88	1.16	5.00	1 : 1	1358.28	34.02	18.00	97.28	19.40	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.09	0.06	0.28	1.36	0.25	1 : 1.00027	63.26	21.41	36.35	1,606.61	3.11	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.46	0.01	5.1	1.44	18.00	1 : 1	N/A	261.96	39.75	112.00	11.09	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.20	0.03	0.88	1.20	1.00	1 : 1.002	491.32	36.21	28.45	162.48	4.41	02-Apr-21	Last trading day of June, Dec
TWZ-W5 <i>SP</i>	0.01	0	0.09	0.03	0.10	1 : 1	N/A	22.22	99.68	2,289.87	9.00	01-Feb-20	30 Jan 20
UAC-W2	0.21	0	2.8	0.44	5.55	1 : 1	N/A	105.71	16.47	66.76	13.33	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.16	0	0.42	0.15	0.50	1 : 1	N/A	57.14	42.44	103.01	2.63	14-Mar-20	Last trading day of May,Nov
U-W4	0.01	0	1.75	3.15	6.00	1 : 0.01	N/A	2.43	41.52	141,895.49	1.75	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.55	1.44	9.55	2.64	10.00	1 : 1	7.6	20.94	28.33	1,661.33	6.16	11-Sep-22	Last trading day of Mar, June, Sept, Dec

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VIBHA-W2	0.71	0.66	1.68	0.40	1.00	1 : 1.00086	7.63	1.73	19.25	361.66	2.37	14-Jun-20	30th of Sep
VIBHA-W3	0.18	0.01	1.68	2.40	3.00	1 : 1.00086	N/A	89.18	19.25	1,011.62	9.34	14-Jun-22	30 Sep of each year
WAVE-W1	0.09	0	1.04	0.30	6.00	1 : 1	N/A	485.58	53.11	42.12	11.56	08-May-20	Last trading day of June, Dec
WHA-W1	2.10	2.09	3.62	0.12	3.42	1 : 10.2396	0.63	536.90	22.82	55.87	17.65	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.14	0.01	1.3	1.95	4.22	1 : 1.185	914.1	279.02	46.09	124.97	11.00	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.08	N/A	0.82	4.24	2.70	1 : 2	N/A	478.05	41.12	413.03	20.50	17-Apr-24	Last trading day of Mar, June, Sept, Dec