

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	0.2	0.47	2.51		1 : 1	-43.83		62.16	605.92	4.27	08-Aug-22	Last Trading of June
AKR-W1	0.09	0	0.61	1.32	1.00	1 : 1	N/A	78.69	26.48	671.57	6.78	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.18	0.04	1.53	0.87	3.00	1 : 1	363.05	107.84	52.52	230.98	8.50	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.02	0.15	1.41	0.40	1 : 1	-1.98	180.00	87.80	499.97	7.50	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.08	0.33	0.72	1.33		1 : 1	-75.56		51.67	95.83	9.00	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.09	0.04	1.31	0.28	2.00	1 : 1	127.76	59.54	75.81	102.47	14.56	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	0.52	1.97	39.5	0.26	39.00	1 : 1	-73.54	0.05	25.69	78.51	75.96	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.19	0.34	7.36	1 : 0.204	N/A	770.37	65.55	1,756.00	3.88	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.11	0	2.48	2.82	3.97	1 : 1.00731	N/A	65.03	16.24	358.73	22.71	30-Nov-22	Last trading day of Nov
BM-W1	0.06	0	1.94	0.53	4.00	1 : 1	N/A	109.28	33.71	110.00	32.33	14-Aug-20	16 Aug 2020
BROOK-W5	0.14	0.09	0.41	2.29	0.25	1 : 1	53.76	-4.88	32.63	1,403.31	2.93	20-May-22	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.2	0.90	4.99	1 : 0.12024	N/A	288.58	85.62	3,437.23	2.40	28-Dec-20	30 of Nov
B-W4	0.02	0.01	0.2	1.41	0.92	1 : 1.3087	61.61	484.22	85.62	96.85	13.09	01-Jul-21	Last trading day of June, Dec
B-W5	0.03	0.03	0.2	1.11	0.35	1 : 1	-4.71	90.00	85.62	290.56	6.67	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.09	0	0.88	1.39	2.75	1 : 1	N/A	222.73	21.74	1,652.87	9.78	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.02	0	0.83	1.32	2.00	1 : 1	N/A	143.37	23.20	1,445.60	41.50	28-May-21	Last trading day of May, Nov
CHO-W2	0.05	0	0.6	0.91	0.86	1 : 1	N/A	51.67	18.69	636.40	12.00	30-Dec-20	Last trading day of June, Dec
CI-W1	0.02	0	0.8	0.32	2.16	1 : 1.0172	N/A	175.82	29.11	98.77	40.69	29-May-20	Last trading day of May, Nov
CKP-W1	0.09	0.01	4	0.32	6.00	1 : 1.0007	N/A	52.29	33.94	1,111.15	44.48	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.60	0.01	1.7	0.41	3.00	1 : 1	N/A	111.76	44.01	60.63	2.83	02-Jul-20	15th of Jan, Jul
DCC-W1	0.56	0.45	1.8	1.26	1.15	1 : 1	24.89	-5.00	16.74	1,907.75	3.21	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.50	0.23	7.6	1.42	15.75	1 : 1	114.38	113.82	52.77	182.22	15.20	07-Jul-21	Last trading day of May, Nov
ECF-W3	0.40	0	1.22	1.05	5.00	1 : 1.0008	N/A	342.55	57.25	129.95	3.05	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.13	0.01	1.1	1.01	1.85	1 : 1	N/A	80.00	30.55	554.43	8.46	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.06	0.33	0.60	1 : 1	N/A	916.67	187.69	1,377.16	6.00	01-Jun-20	22 Jun and 22 Dec of each year

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	Market	Black Scholes											
EFORL-W4	0.01	0	0.06	0.33	0.50	1 : 1	N/A	750.00	187.69	772.51	6.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	N/A	0.03	0.45	1.00	1 : 2.32054	N/A	7580.43	250.80	190.75	6.96	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.03	0.03	1.37	1.00	1 : 2.32054	-32.55	7657.78	250.80	16.42	3.48	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.03	0.05	0.13	3.70	0.15	1 : 1	-35.45	38.46	77.38	4,216.75	4.33	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.38	0.07	3.54	0.87	4.83	1 : 1.0361	427.78	48.76	31.07	85.54	9.65	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.01	0	0.38	0.39	0.96	1 : 1.04545	N/A	161.49	51.35	138.79	39.73	26-Jun-20	Last Trading of June
GJS-W3 <i>SP</i>	0.01	0	0.12	0.01	0.17	1 : 0.5	N/A	23.67	86.04	3,674.43	6.00	08-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.27	0.21	0.73	1.96	0.50	1 : 1	28.97	5.48	37.41	749.60	2.70	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.18	0.14	0.61	1.33	0.50	1 : 1	27.49	11.48	35.93	110.50	3.39	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.22	0	2.1	1.30	5.00	1 : 1	N/A	148.57	34.24	249.99	9.55	23-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	2.16	1.49	5.05	0.42	3.61	1 : 1.192	44.58	16.88	62.35	1,257.15	2.79	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.06	0	0.85	0.44	3.50	1 : 1	N/A	318.82	67.52	241.12	14.17	14-Jul-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.31	0	4.76	0.27	15.00	1 : 1	N/A	221.64	47.31	108.00	15.35	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	4.56	4.41	21.9	1.56	18.62	1 : 1.02031	3.29	5.97	39.19	221.49	4.90	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.19	0.01	0.83	2.35	2.00	1 : 1	1583.37	163.86	32.22	156.48	4.37	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.70	0.08	4.46	2.22	4.00	2 : 1	827.58	5.38	25.36	157.10	6.37	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.13	0.04	1.43	1.56	2.10	1 : 1	225.16	55.94	30.08	1,375.54	11.00	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.06	0.01	1.27	0.81	3.50	1 : 1	N/A	180.31	55.78	91.07	21.17	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.02	0	0.53	2.44	2.00	1 : 1.099	N/A	309.59	42.68	405.44	29.12	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.53	0.43	1.75	1 : 1.03	N/A	238.65	42.68	905.04	54.59	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	2.16	1.21	30.75	1.66	43.00	1 : 1	78.79	46.86	27.31	230.85	14.24	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	0.01	0.01	1.36	0.02	1 : 1	N/A	160.00	243.96	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	0.50	0.1	2.14	1.86	6.48	1 : 1.00255	413.07	226.91	58.66	108.78	4.29	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.01	N/A	1.93	0.32	3.19	1 : 1.5695	N/A	102.93	28.55	127.75	302.91	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3 <i>SP</i>	0.01	N/A	0.5	0.04	1.00	1 : 1	N/A	102.00	54.02	693.94	50.00	19-Feb-20	Last trading day of May, Nov

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	Market	Black Scholes											
NVD-W1	0.12	0	1.87	1.45	7.86	1 : 1.018	N/A	332.62	32.71	276.12	15.86	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.45	0.19	1.17	2.03	1.00	1 : 1	137.03	23.93	24.21	603.22	2.60	13-Feb-22	13 Feb 2022
ORI-W1	0.31	0	6.55	0.66	13.33	1 : 1	N/A	108.29	34.46	609.86	21.13	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.04	0.07	3.05	2.00	1 : 1	-43.03	2785.71	180.17	2,460.22	3.50	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.04	0.05	0.07	2.57	0.25	1 : 1	-17.01	314.29	180.17	1,167.36	1.75	29-Aug-22	29 Nov 19
PDI-W1	0.35	0	5.4	1.28	33.00	1 : 1	N/A	517.59	23.09	75.33	15.43	14-May-21	15 May, 15 Nov
PDJ-W3 <i>SP</i>	0.41	0.34	1.36	0.01	1.00	1 : 1	20.06	3.68	26.12	25.59	3.32	08-Feb-20	7 Feb 20
PDJ-W4	0.33	0.36	1.36	1.01	1.00	1 : 1	-9.16	-2.21	26.12	51.19	4.12	07-Feb-21	7 Feb 21
PERM-W1	0.13	0.02	0.69	2.37	1.80	1 : 1	594.06	179.71	41.67	250.00	5.31	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.65	0.24	2.14	2.31	5.91	1 : 1.09999	170.3	227.15	65.68	46.00	3.62	27-May-22	Last trading day of June, Dec
PPPM-W4	0.16	0.29	0.47	4.49	1.00	1 : 1	-44.1	146.81	138.96	228.83	2.94	31-Jul-24	Last trading day of Oct
PRIME-W1	0.03	N/A	0.36	0.88	1.08	1 : 1.3946	N/A	288.68	54.23	347.00	16.74	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	N/A	0.36	0.88	1.53	1 : 1.3095	N/A	431.88	54.23	261.75	23.57	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.25	0.12	1.4	0.42	1.53	1 : 1.174	103.5	32.12	49.65	31.68	6.57	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.03	N/A	0.85	0.41	2.25	1 : 1.22449	N/A	205.43	26.30	157.08	34.69	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	0.85	0.38	11	0.30	12.44	1 : 1.0047	126.46	20.93	39.90	187.52	13.00	23-May-20	Last trading day of Apr, Oct
RWI-W2	0.10	0.2	1.45	1.93	1.50	1 : 1	-49.08	10.34	35.17	318.15	14.50	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SAMART-W2	0.47	0.05	7.5	1.28	14.80	1 : 1.014	876.37	105.05	34.01	335.43	16.18	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.07	0.03	0.9	0.74	1.00	1 : 1	106.64	18.89	26.76	93.41	12.86	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	29.00	32.69	75	0.35	48.48	1 : 1.237	-11.28	4.08	32.71	31.05	3.20	11-Jun-20	Last trading day of May,Nov
SDC-W1	0.08	0.02	0.17	3.33	0.50	1 : 1	315.31	241.18	54.77	1,731.04	2.13	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.04	N/A	1.75	0.29	13.32	1 : 1.1261	N/A	747.09	30.34	37.81	49.27	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.25	0	1.75	5.29	26.64	1 : 1.1261	N/A	1617.73	30.34	37.81	7.88	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.74	0.74	1.75	1.43	1.00	1 : 1	0.08	-0.57	30.34	43.69	2.36	08-Jul-21	9 Jul 2021
SINGER-W1	1.66	0.62	5.6	1.22	7.00	1 : 1	166.04	54.64	44.91	65.75	3.37	23-Apr-21	Last trading day of Mar, June, Sept, Dec

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SINGER-W2	1.38	0.44	5.6	3.21	14.00	1 : 1	216.1	174.64	44.91	65.75	4.06	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2	0.14	0.01	0.91	1.66	1.50	1 : 1	N/A	80.22	24.28	92.00	6.50	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.05	0	1.02	0.32	2.10	1 : 1	N/A	110.78	58.87	209.12	20.40	29-May-20	Last trading day of Mar, Sept , Dec
SST-W2	0.71	0	3.54	1.66	10.00	1 : 1	N/A	202.54	21.55	30.39	4.99	30-Sep-21	Last trading day of June, Dec
STAR-W3 <i>SP</i>	0.01	0.03	3.1	0.05	4.00	1 : 1	-68.57	29.35	97.43	135.45	310.00	22-Feb-20	25 of Jun, Dec
SUPER-W4	0.01	0	0.51	0.58	2.49	1 : 1	N/A	390.20	33.78	5,469.68	51.00	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SVI-W3	0.32	0.48	3.22	0.14	2.94	1 : 1.5098	-32.99	1.91	70.21	30.00	15.19	26-Mar-20	15 of Jul
SWC-W1	2.58	0.55	3.6	2.18	1.00	1 : 1	369.65	-0.56	31.54	143.32	1.40	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.04	0	0.39	0.99	1.88	1 : 1.07	N/A	419.77	33.65	400.00	10.43	28-Jan-21	Last trading day of Dec
TCC-W3	0.04	0.01	0.21	2.16	0.81	1 : 1.23886	169	375.79	65.50	92.20	6.50	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.04	0.02	0.21	3.28	0.90	1 : 1.10801	71.66	386.75	65.50	369.34	5.82	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.13	0.11	0.21	8.31	0.50	1 : 1	22.9	200.00	65.50	98.41	1.62	24-May-28	Last trading day of Jul
TCJ-W2	0.11	N/A	3.22	0.34	9.80	1 : 1.02	N/A	212.05	31.41	31.53	29.86	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	0.06	0	4.52	0.29	9.50	1 : 1	N/A	111.50	46.10	510.81	75.33	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.06	3.63	0.50	1 : 1	-53.69	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	1.65	0.20	3.50	4 : 1	N/A	112.73	48.55	2,191.76	165.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.02	0	0.59	0.37	1.00	1 : 1	N/A	72.88	38.24	321.67	29.50	16-Jun-20	Last Trading of June
TNITY-W1	0.17	0.01	3.8	1.12	5.00	1 : 1	N/A	36.05	18.35	97.28	22.35	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.11	0.05	0.28	1.32	0.25	1 : 1.00027	102.77	28.55	36.47	1,606.61	2.55	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.33	0	4.16	1.40	18.00	1 : 1	N/A	340.63	38.77	112.00	12.61	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.16	0.02	0.83	1.16	1.00	1 : 1.002	590.33	39.60	28.60	162.48	5.20	02-Apr-21	Last trading day of June, Dec
UAC-W2	0.18	N/A	2.72	0.41	5.55	1 : 1	N/A	110.66	16.74	66.76	15.11	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.02	0	0.39	0.11	0.50	1 : 1	N/A	33.33	42.43	103.01	19.50	14-Mar-20	Last trading day of May,Nov
U-W4	0.01	0	1.51	3.11	6.00	1 : 0.01	N/A	2.98	42.18	141,895.49	1.51	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	0.96	1.17	8.8	2.61	10.00	1 : 1	-18.09	24.55	30.23	1,661.33	9.17	11-Sep-22	Last trading day of Mar, June, Sept, Dec

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VIBHA-W2	0.69	0.61	1.63	0.36	1.00	1 : 1.00086	12.87	3.62	17.89	361.66	2.36	14-Jun-20	30th of Sep
VIBHA-W3	0.16	0	1.63	2.36	3.00	1 : 1.00086	N/A	93.76	17.89	1,011.62	10.20	14-Jun-22	30 Sep of each year
WAVE-W1	0.02	0	1.04	0.26	6.00	1 : 1	N/A	478.85	51.90	42.12	52.00	08-May-20	Last trading day of June, Dec
WHA-W1	0.23	N/A	3.18	0.08	3.42	1 : 10.2396	N/A	150.73	27.25	55.87	141.57	05-Mar-20	25 of Jun, Dec
WIJK-W2	0.13	0.01	1.31	1.92	4.22	1 : 1.185	N/A	275.08	44.70	124.97	11.94	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.05	N/A	0.69	4.21	2.70	1 : 2	N/A	597.10	43.66	413.03	27.60	17-Apr-24	Last trading day of Mar, June, Sept, Dec