

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	0.48	2.53		1 : 1	-45		61.80	605.92	4.36	08-Aug-22	Last Trading of June
AKR-W1	0.10	0.01	0.65	1.34	1.00	1 : 1	N/A	69.23	25.26	671.57	6.50	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.25	0.04	1.54	0.89	3.00	1 : 1	571.82	111.04	52.44	230.98	6.16	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.02	0.15	1.42	0.40	1 : 1	-4.39	180.00	87.39	499.97	7.50	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.08	0.33	0.72	1.35		1 : 1	-75.56		51.64	95.83	9.00	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.09	0.08	1.49	0.30	2.00	1 : 1	18.58	40.27	73.10	102.47	16.56	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	0.65	1.97	39.5	0.28	39.00	1 : 1	-67	0.38	25.77	78.51	60.77	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.19	0.36	7.36	1 : 0.204	N/A	770.37	66.25	1,756.00	3.88	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.11	0	2.52	2.84	3.97	1 : 1.00731	N/A	62.40	14.90	358.73	23.08	30-Nov-22	Last trading day of Nov
BM-W1	0.06	0	1.9	0.55	4.00	1 : 1	N/A	113.68	33.49	110.00	31.67	14-Aug-20	16 Aug 2020
BROOK-W5	0.15	0.1	0.43	2.31	0.25	1 : 1	44.34	-6.98	32.40	1,403.31	2.87	20-May-22	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.21	0.92	4.99	1 : 0.12024	N/A	274.26	85.51	3,437.23	2.53	28-Dec-20	30 of Nov
B-W4	0.02	0.01	0.21	1.43	0.92	1 : 1.3087	40.29	454.93	85.51	96.85	13.74	01-Jul-21	Last trading day of June, Dec
B-W5	0.03	0.04	0.21	1.13	0.35	1 : 1	-16.55	80.95	85.51	290.56	7.00	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.09	0	0.89	1.41	2.75	1 : 1	N/A	219.10	21.69	1,652.87	9.89	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.02	0	0.81	1.33	2.00	1 : 1	N/A	149.38	23.25	1,445.60	40.50	28-May-21	Last trading day of May, Nov
CHO-W2	0.07	0	0.65	0.93	0.86	1 : 1	N/A	43.08	18.63	636.40	9.29	30-Dec-20	Last trading day of June, Dec
CI-W1	0.03	0	0.82	0.34	2.16	1 : 1.0172	N/A	170.29	28.97	98.77	27.80	29-May-20	Last trading day of May, Nov
CKP-W1	0.11	0.02	4.3	0.33	6.00	1 : 1.0007	471.43	42.12	33.05	1,111.15	39.12	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.54	0.01	1.76	0.43	3.00	1 : 1	N/A	101.14	44.32	60.63	3.26	02-Jul-20	15th of Jan, Jul
DCC-W1	0.58	0.49	1.85	1.28	1.15	1 : 1	19.2	-6.49	16.96	1,907.75	3.19	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.57	0.3	7.7	1.44	15.75	1 : 1	89.44	111.95	55.21	182.22	13.51	07-Jul-21	Last trading day of May, Nov
ECF-W3	0.38	0	1.22	1.07	5.00	1 : 1.0008	N/A	340.91	57.40	129.95	3.21	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.14	0.01	1.12	1.03	1.85	1 : 1	N/A	77.68	30.56	554.43	8.00	05-Feb-21	Last Business Day of every six months from the is
EFORL-W3	0.01	0	0.05	0.35	0.60	1 : 1	N/A	1120.00	191.24	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	0.35	0.50	1 : 1	N/A	920.00	191.24	772.51	5.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	N/A	0.03	0.47	1.00	1 : 2.32054	N/A	7580.43	247.04	190.75	6.96	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.03	0.03	1.39	1.00	1 : 2.32054	-30.17	7657.78	247.04	16.42	3.48	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.04	0.05	0.13	3.72	0.15	1 : 1	-12.95	46.15	76.32	4,216.75	3.25	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.43	0.09	3.62	0.89	4.83	1 : 1.0361	357.26	46.82	31.73	85.54	8.72	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.03	0	0.38	0.41	0.96	1 : 1.04545	N/A	167.00	51.19	138.79	13.24	26-Jun-20	Last Trading of June
GJS-W3 <i>SP</i>	0.01	0	0.12	0.03	0.17	1 : 0.5	N/A	23.67	87.97	3,674.43	6.00	08-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.30	0.22	0.75	1.98	0.50	1 : 1	34.51	6.67	37.25	749.60	2.50	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.21	0.14	0.61	1.35	0.50	1 : 1	48.56	16.39	36.05	110.50	2.90	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.26	0.01	2.22	1.32	5.00	1 : 1	N/A	136.94	33.58	249.99	8.54	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.69	1.54	5.1	0.44	3.61	1 : 1.192	9.56	4.56	62.43	1,257.15	3.60	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.07	0	0.87	0.42	3.50	1 : 1	N/A	310.34	68.51	241.12	12.43	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.30	0	4.8	0.28	15.00	1 : 1	N/A	218.75	47.32	108.00	16.00	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	4.72	4.53	22.1	1.58	18.62	1 : 1.02031	4.2	5.73	39.48	221.49	4.78	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.21	0.01	0.83	2.37	2.00	1 : 1	N/A	166.27	29.58	156.48	3.95	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.80	0.12	4.66	2.24	4.00	2 : 1	586.93	3.00	26.06	157.10	5.83	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.15	0.03	1.4	1.58	2.10	1 : 1	404.96	60.71	29.27	1,375.54	9.33	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.07	0.01	1.29	0.83	3.50	1 : 1	564.34	176.74	55.87	91.07	18.43	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.03	0	0.56	2.45	2.00	1 : 1.099	N/A	289.08	42.74	405.44	20.51	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.56	0.45	1.75	1 : 1.03	N/A	220.35	42.74	905.04	57.68	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	2.68	1.73	33.5	1.68	43.00	1 : 1	55.02	36.36	25.45	230.85	12.50	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	0.01	0.01	1.38	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	0.55	0.1	2.16	1.88	6.48	1 : 1.00255	447.43	226.20	58.62	108.78	3.94	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.01	N/A	2	0.34	3.19	1 : 1.5695	N/A	93.84	27.82	127.75	313.90	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3 <i>SP</i>	0.01	0	0.57	0.06	1.00	1 : 1	N/A	77.19	53.10	693.94	57.00	19-Feb-20	Last trading day of May, Nov

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	Market	Black Scholes											
NVD-W1	0.14	0	1.83	1.47	7.86	1 : 1.018	N/A	343.23	31.56	276.12	13.31	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.46	0.2	1.18	2.05	1.00	1 : 1	125.05	23.73	26.61	603.22	2.57	13-Feb-22	13 Feb 2022
ORI-W1	0.43	0.02	6.85	0.68	13.33	1 : 1	2440.34	100.92	39.51	609.86	15.93	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.01	0.03	0.06	3.07	2.00	1 : 1	-64.36	3250.00	176.08	2,460.22	6.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.04	0.04	0.06	2.59	0.25	1 : 1	1.08	383.33	176.08	1,167.36	1.50	29-Aug-22	29 Nov 19
PDI-W1	0.39	0	5.85	1.30	33.00	1 : 1	N/A	470.77	22.71	75.33	15.00	14-May-21	15 May, 15 Nov
PDJ-W3 <i>SP</i>	0.41	0.33	1.35	0.03	1.00	1 : 1	23.28	4.44	26.79	25.59	3.29	08-Feb-20	7 Feb 20
PDJ-W4	0.39	0.36	1.35	1.03	1.00	1 : 1	9.17	2.96	26.79	51.19	3.46	07-Feb-21	7 Feb 21
PERM-W1	0.14	0.02	0.71	2.39	1.80	1 : 1	566.71	173.24	41.15	250.00	5.07	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.69	0.29	2.3	2.33	5.91	1 : 1.09999	137.55	205.61	65.39	46.00	3.67	27-May-22	Last trading day of June, Dec
PPPM-W4	0.18	0.32	0.51	4.51	1.00	1 : 1	-43.01	131.37	140.50	228.83	2.83	31-Jul-24	Last trading day of Oct
PRIME-W1	0.03	N/A	0.36	0.90	1.08	1 : 1.3946	N/A	288.68	55.88	347.00	16.74	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	N/A	0.36	0.90	1.53	1 : 1.3095	N/A	431.88	55.88	261.75	23.57	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.23	0.16	1.45	0.44	1.53	1 : 1.174	46.23	25.34	49.29	31.68	7.40	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.02	N/A	0.88	0.43	2.25	1 : 1.22449	N/A	192.86	25.39	157.08	53.88	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	1.18	1.12	12.9	0.32	12.44	1 : 1.0047	5.48	5.62	37.59	187.52	10.98	23-May-20	Last trading day of Apr, Oct
RWI-W2	0.12	0.19	1.48	1.95	1.50	1 : 1	-38.19	9.46	31.76	318.15	12.33	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SAMART-W2	0.56	0.08	7.85	1.30	14.80	1 : 1.014	631.03	97.01	33.34	335.43	14.21	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.10	0.06	0.97	0.76	1.00	1 : 1	76.19	13.40	26.30	93.41	9.70	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	27.75	31.51	74	0.37	48.48	1 : 1.237	-11.94	3.72	32.20	31.05	3.30	11-Jun-20	Last trading day of May,Nov
SDC-W1	0.09	0.03	0.19	3.35	0.50	1 : 1	258.6	210.53	54.83	1,731.04	2.11	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.06	N/A	1.78	0.31	13.32	1 : 1.1261	N/A	733.86	30.77	37.81	33.41	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.25	0	1.78	5.31	26.64	1 : 1.1261	N/A	1588.57	30.77	37.81	8.02	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.71	0.77	1.78	1.45	1.00	1 : 1	-7.53	-3.93	30.77	43.69	2.51	08-Jul-21	9 Jul 2021
SINGER-W1	1.94	0.72	5.8	1.24	7.00	1 : 1	167.68	54.14	45.62	65.75	2.99	23-Apr-21	Last trading day of Mar, June, Sept, Dec

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	Market	Black Scholes											
SINGER-W2	1.51	0.52	5.8	3.23	14.00	1 : 1	191.3	167.41	45.62	65.75	3.84	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2	0.15	0.01	0.92	1.68	1.50	1 : 1	1365.42	79.35	24.57	92.00	6.13	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.08	0	1.08	0.34	2.10	1 : 1	N/A	101.85	58.94	209.12	13.50	29-May-20	Last trading day of Mar, Sept, Dec
SST-W2	0.65	0	3.52	1.68	10.00	1 : 1	N/A	202.56	21.48	30.39	5.42	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.01	0.1	3.38	0.07	4.00	1 : 1	-90.02	18.64	97.01	135.45	338.00	22-Feb-20	25 of Jun, Dec
SUPER-W4	0.01	0	0.53	0.59	2.49	1 : 1	N/A	371.70	34.87	5,469.68	53.00	31-Aug-20	Last trading day of Feb, May, Aug, Nov
SVI-W3	0.39	0.61	3.3	0.16	2.94	1 : 1.5098	-35.8	1.41	70.50	30.00	12.78	26-Mar-20	15 of Jul
SWC-W1	2.60	0.61	3.72	2.20	1.00	1 : 1	327.51	-3.23	31.79	143.32	1.43	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.04	N/A	0.4	1.01	1.88	1 : 1.07	N/A	406.60	34.04	400.00	10.70	28-Jan-21	Last trading day of Dec
TCC-W3	0.05	0.02	0.23	2.18	0.81	1 : 1.23886	147.86	337.72	65.72	92.20	5.70	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.03	0.03	0.23	3.30	0.90	1 : 1.10801	2.67	338.67	65.72	369.34	8.49	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.13	0.12	0.23	8.33	0.50	1 : 1	8.76	173.91	65.72	98.41	1.77	24-May-28	Last trading day of Jul
TCJ-W2	0.16	0	3.44	0.36	9.80	1 : 1.02	N/A	193.44	30.01	31.53	21.93	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	0.08	0	4.84	0.31	9.50	1 : 1	N/A	97.93	47.61	510.81	60.50	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.06	3.65	0.50	1 : 1	-48.79	750.00	122.21	1,944.51	6.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.48	0.22	3.50	4 : 1	N/A	137.16	47.49	2,191.76	148.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.03	0	0.62	0.39	1.00	1 : 1	N/A	66.13	38.72	321.67	20.67	16-Jun-20	Last Trading of June
TNITY-W1	0.18	0.01	3.9	1.14	5.00	1 : 1	1111.05	32.82	18.34	97.28	21.67	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.10	0.05	0.28	1.34	0.25	1 : 1.00027	84.22	24.98	36.36	1,606.61	2.80	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.40	0	5.05	1.42	18.00	1 : 1	N/A	264.36	39.20	112.00	12.63	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.17	0.03	0.85	1.18	1.00	1 : 1.002	483.07	37.49	28.83	162.48	5.01	02-Apr-21	Last trading day of June, Dec
TWZ-W5 <i>SP</i>	0.01	0	0.07	0.01	0.10	1 : 1	N/A	57.14	109.51	2,289.87	7.00	01-Feb-20	30 Jan 20
UAC-W2	0.19	0	2.82	0.42	5.55	1 : 1	N/A	103.55	16.41	66.76	14.84	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.03	0	0.41	0.13	0.50	1 : 1	N/A	29.27	42.46	103.01	13.67	13-Mar-20	Last trading day of May, Nov
U-W4	0.01	0	1.65	3.13	6.00	1 : 0.01	N/A	2.64	41.75	141,895.49	1.65	15-Mar-23	Last trading day of Mar, June, Sept, Dec

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VGI-W2	1.27	1.44	9.55	2.62	10.00	1 : 1	-11.78	18.01	28.24	1,661.33	7.52	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.69	0.66	1.68	0.38	1.00	1 : 1.00086	4.57	0.54	17.95	361.66	2.44	14-Jun-20	30th of Sep
VIBHA-W3	0.18	0	1.68	2.38	3.00	1 : 1.00086	N/A	89.18	17.95	1,011.62	9.34	14-Jun-22	30 Sep of each year
WAVE-W1	0.05	0	1.05	0.28	6.00	1 : 1	N/A	476.19	53.02	42.12	21.00	08-May-20	Last trading day of June, Dec
WHA-W1	0.48	N/A	3.26	0.10	3.42	1 : 10.2396	N/A	200.43	26.94	55.87	69.54	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.14	0.01	1.31	1.93	4.22	1 : 1.185	1143.83	275.99	44.98	124.97	11.09	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.08	N/A	0.73	4.22	2.70	1 : 2	N/A	561.64	43.47	413.03	18.25	17-Apr-24	Last trading day of Mar, June, Sept, Dec