

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	0.16	0.22	0.53	2.84		1 : 1	-27.55		82.73	605.92	3.31	08-Aug-22	Last Trading of June
AJA-W1	0.01	N/A	0.19	0.12	1.53	1 : 1.30972	N/A	928.52	61.87	749.96	24.88	20-Nov-19	Last trading day of Mar, Sept
AKR-W1	0.14	0.04	0.75	1.65	1.00	1 : 1	270.54	52.00	31.22	671.57	5.36	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.45	0.1	2.4	1.20	3.00	1 : 1	364.74	43.75	26.60	230.98	5.33	18-Dec-20	15th of Mar,Sept
APEX-W1	0.02	0.02	0.17	1.73	0.40	1 : 1	8.99	147.06	66.57	499.97	8.50	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.10	0.36	0.8	1.66		1 : 1	-72.5		43.10	95.83	8.00	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.05	0	0.85	0.60	2.00	1 : 1	N/A	141.18	45.51	102.47	17.00	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	3.34	3.43	40	0.59	39.00	1 : 1	-2.61	5.85	28.79	78.56	11.98	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.23	0.66	7.50	1 : 0.2	N/A	633.04	54.04	1,756.00	4.60	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.12	0	2.78	3.15	3.97	1 : 1.00731	N/A	47.50	11.19	358.73	23.34	30-Nov-22	Last trading day of Nov
BM-W1	0.15	0.01	2.02	0.85	4.00	1 : 1	1068.08	105.45	43.04	110.00	13.47	14-Aug-20	16 Aug 2020
BROOK-W5	0.21	0.12	0.45	2.62	0.25	1 : 1	68.91	2.22	42.01	1,407.54	2.14	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W4	2.66	2.7	13.2	0.15	10.38	1 : 1.011	-1.55	-1.19	22.30	611.53	5.02	29-Nov-19	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.28	1.23	4.99	1 : 0.12024	N/A	202.69	85.71	3,437.23	3.37	28-Dec-20	30 of Nov
B-W4	0.05	0.05	0.28	1.73	0.92	1 : 1.3087	9.84	322.50	85.71	96.85	7.33	01-Jul-21	Last trading day of June, Dec
B-W5	0.08	0.08	0.28	1.44	0.35	1 : 1	2.51	53.57	85.71	290.56	3.50	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.10	0	0.99	1.72	2.75	1 : 1	N/A	187.88	22.69	1,652.87	9.90	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.03	0	0.86	1.64	2.00	1 : 1	N/A	136.05	32.96	1,445.62	28.67	28-May-21	Last trading day of May,Nov
CHEWA-W1	0.01	0	0.65	0.14	1.75	1 : 1	N/A	170.77	31.53	467.34	65.00	28-Nov-19	28 Dec 18, 28 Jun 19, 27 Nov 19
CHO-W2	0.12	0.08	0.83	1.23	0.86	1 : 1	59.59	18.07	30.31	649.42	6.92	30-Dec-20	Last trading day of June, Dec
CI-W1	0.09	0	0.96	0.64	2.16	1 : 1.0172	N/A	136.98	26.39	98.86	10.85	29-May-20	Last trading day of May,Nov
CKP-W1	0.74	0.38	5.6	0.64	6.00	1 : 1.0007	94.69	20.37	30.47	1,111.15	7.57	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.94	0.21	2	0.74	3.00	1 : 1	352.44	97.00	69.45	60.63	2.13	02-Jul-20	15th of Jan, Jul
DCC-W1	0.70	0.58	1.99	1.59	1.15	1 : 1	19.96	-7.04	21.09	1,907.75	2.84	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	1.09	1.33	10.8	1.75	15.75	1 : 1	-17.85	55.93	61.05	182.22	9.91	07-Jul-21	Last trading day of May,Nov

Monday, October 07, 2019

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	Market	Black Scholes											
ECF-W3	0.98	0	2.4	1.38	5.00	1 : 1.0008	N/A	149.11	22.98	129.95	2.45	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.44	0.08	1.48	1.33	1.85	1 : 1	484.87	54.73	31.35	554.43	3.36	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0.01	0.04	0.65	0.60	1 : 1	N/A	1425.00	215.35	1,377.16	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0.01	0.04	0.65	0.50	1 : 1	N/A	1175.00	215.35	772.51	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	0.01	0.04	0.78	1.00	1 : 2.32054	N/A	5627.31	236.42	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.05	0.04	1.69	1.00	1 : 2.32054	-58.78	5685.32	236.42	16.42	4.64	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.09	0.06	0.19	4.02	0.15	1 : 1	41.46	26.32	51.48	4,216.75	2.11	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.71	0.31	3.96	1.19	4.83	1 : 1.0361	125.65	41.23	37.89	85.54	5.78	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.20	0.01	0.48	0.72	0.96	1 : 1.04545	N/A	147.45	53.64	138.79	2.51	26-Jun-20	Last Trading of June
GJS-W3	0.01	0	0.13	0.34	0.17	1 : 0.5	N/A	18.00	88.54	3,674.43	6.50	07-Feb-20	Last trading day of June, Dec
HPT-W1	0.40	0.23	0.72	1.66	0.50	1 : 1	72.25	25.00	39.71	110.50	1.80	04-Jun-21	Last trading day of June, Dec
IHL-W1	SP	0.67	0.85	4.32	0.01	1 : 1.013	-21.43	-4.60	46.54	13.04	6.53	12-Oct-19	Last trading day of Mar, Sept
ITEL-W1	0.47	0.04	3.14	1.62	5.00	1 : 1	1058.18	74.20	25.25	249.99	6.68	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	3.14	2.47	6.3	0.75	3.61	1 : 1.192	26.95	8.42	41.57	1,304.56	2.39	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.17	0	0.98	0.73	3.50	1 : 1	N/A	274.49	32.31	241.12	5.76	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	1.60	0	6.65	0.59	15.00	1 : 1	N/A	149.62	36.38	108.00	4.16	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	3.34	2.32	18.1	1.89	18.62	1 : 1.02031	43.96	21.77	35.25	222.00	5.53	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.36	0.01	0.98	2.68	2.00	1 : 1	2628.26	140.82	25.87	156.48	2.72	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.99	0.37	5.05	2.55	4.00	2 : 1	165.8	-1.19	33.96	157.10	5.10	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.28	0.02	1.48	1.89	2.10	1 : 1	1189.22	60.81	20.74	1,375.54	5.29	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.16	0	1.37	1.14	3.50	1 : 1	N/A	167.15	30.24	91.07	8.56	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W3	0.01	N/A	0.85	0.21	2.73	1 : 1.099	N/A	244.62	45.08	625.70	93.42	21-Dec-19	Last trading day of June, Dec
MILL-W4	0.05	0.05	0.85	2.76	2.00	1 : 1.099	-0.69	155.54	45.08	405.44	18.68	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.04	0	0.85	0.76	1.75	1 : 1.03	N/A	113.66	45.08	905.04	21.89	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	3.66	2.61	36	1.98	43.00	1 : 1	40.21	29.61	23.56	230.88	9.84	30-Sep-21	15th of Feb, May, Aug, Nov

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	Market	Black Scholes												
MONO-W1	SP	0.01	N/A	1.49	0.03	2.46	1 : 1.015	N/A	67.03	37.49	1,352.35	151.24	18-Oct-19	Last trading day of Mar, June, Sept, Dec
NCL-W3		0.02	N/A	1.13	0.16	2.40	1 : 1.5	N/A	171.24	31.86	64.88	84.75	06-Dec-19	28 Jun 19, 6 Dec 19
NEWS-W6		0.01	0.01	0.01	1.68	0.02	1 : 1	N/A	160.00	404.96	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1		1.63	0.73	3.36	2.19	6.48	1 : 1.00255	124.51	141.83	73.75	108.78	2.07	13-Dec-21	Last trading day of June, Dec
NOK-W1		0.15	N/A	2.12	0.64	3.19	1 : 1.5695	N/A	90.00	19.17	127.75	22.18	29-May-20	Last trading day of Mar, June, Sept, Dec
NPPG-W4		0.46	0.37	0.98	2.29	0.50	1 : 1	24.22	-2.04	26.32	749.60	2.13	20-Jan-22	Last trading day of Mar, June, Sept, Dec
NUSA-W3		0.10	0	0.35	0.37	1.00	1 : 1	N/A	214.29	39.69	693.94	3.50	18-Feb-20	Last trading day of May,Nov
NVD-W1		0.11	0	1.89	1.77	7.86	1 : 1.018	N/A	327.48	29.72	276.12	17.49	15-Jul-21	Last trading day of May,Nov
OCEAN-W3		0.43	0.21	1.11	2.36	1.00	1 : 1	100.99	28.83	35.64	603.22	2.58	13-Feb-22	13 Feb 2022
ORI-W1		0.76	0.1	7.25	0.98	13.33	1 : 1	659.3	94.39	43.41	609.86	9.54	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2		0.02	0	0.09	3.38	2.00	1 : 1	N/A	2144.44	75.87	2,460.22	4.50	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3		0.09	0.02	0.09	2.90	0.25	1 : 1	331.31	277.78	75.87	1,167.36	1.00	29-Aug-22	29 Nov 19
PDI-W1		0.79	0	8.4	1.60	33.00	1 : 1	N/A	302.26	29.55	75.33	10.63	14-May-21	15 May, 15 Nov
PDJ-W3		0.60	0.63	1.65	0.34	1.00	1 : 1	-4.03	-3.03	27.01	25.59	2.75	07-Feb-20	7 Feb 20
PDJ-W4		0.68	0.63	1.65	1.34	1.00	1 : 1	8.65	1.82	27.01	51.19	2.43	07-Feb-21	7 Feb 21
PERM-W1		0.26	0.18	1	2.70	1.80	1 : 1	41.82	106.00	61.88	250.00	3.85	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1		1.01	0.22	3.16	2.64	5.91	1 : 1.09999	364.78	130.85	39.64	46.00	3.44	27-May-22	Last trading day of June, Dec
PPPM-W4		0.43	0.6	0.9	4.82	1.00	1 : 1	-27.74	58.89	141.18	228.85	2.09	31-Jul-24	Last trading day of Oct
PRIME-W1		0.05	0.01	0.39	1.21	1.08	1 : 1.3946	N/A	262.90	64.23	347.00	10.88	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2		0.03	0	0.39	1.21	1.53	1 : 1.3095	N/A	391.94	64.23	261.75	17.02	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2		0.36	0.16	1.44	0.75	1.53	1 : 1.174	130.14	36.93	37.52	31.68	4.70	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2		0.05	N/A	1.03	0.74	2.25	1 : 1.22449	N/A	150.51	23.64	157.08	25.22	02-Jul-20	Last Trading day of Jan, Jul
RS-W3		4.14	2.86	15.4	0.63	12.44	1 : 1.0047	44.75	7.71	35.97	187.52	3.74	23-May-20	Last trading day of Apr, Oct
SAMART-W2		0.68	0.13	8	1.61	14.80	1 : 1.014	413.09	94.81	33.78	335.43	11.93	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1		0.15	0.04	0.95	1.07	1.00	1 : 1	328.26	21.05	17.58	93.41	6.33	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20

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	Market	Black Scholes											
SAWAD-W1	8.45	13.17	57	0.64	48.48	1 : 1.237	-35.82	-0.16	36.11	39.95	8.34	29-May-20	Last trading day of May,Nov
SDC-W1	0.13	0.03	0.24	3.65	0.50	1 : 1	332.22	162.50	43.94	1,731.04	1.85	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.14	N/A	1.42	0.62	13.32	1 : 1.1261	N/A	954.81	36.65	37.81	11.42	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.20	0	1.42	5.62	26.64	1 : 1.1261	N/A	2015.89	36.65	37.81	8.00	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.51	0.49	1.42	1.75	1.00	1 : 1	3.14	6.34	36.65	43.69	2.78	08-Jul-21	9 Jul 2021
SINGER-W1	2.14	1.32	6.7	1.55	7.00	1 : 1	62.25	36.42	46.16	65.75	3.13	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.78	0.89	6.7	3.54	14.00	1 : 1	100.16	135.52	46.16	65.75	3.76	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMT-W2	0.24	0	1.26	0.64	2.10	1 : 1	N/A	85.71	27.03	209.12	5.25	29-May-20	Last trading day of Mar, Sept, Dec
SST-W2	1.28	0.01	4.8	1.98	10.00	1 : 1	N/A	135.00	21.79	30.39	3.75	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.29	0.17	2.76	0.38	4.00	1 : 1	71.14	55.43	87.26	135.45	9.52	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.02	0	0.6	0.90	2.50	1 : 1	N/A	320.00	39.70	5,469.68	30.00	31-Aug-20	Last trading day of Feb, May, Aug, Nov
SVI-W3	0.98	0.51	4.52	0.47	4.44	1 : 1	90.51	19.91	38.41	31.00	4.61	26-Mar-20	15 of Jul
SWC-W1	2.94	0.67	4.04	2.50	1.00	1 : 1	341.21	-2.48	42.27	149.99	1.37	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.07	N/A	0.48	1.31	1.88	1 : 1.07	N/A	327.69	34.65	400.00	7.34	28-Jan-21	Last trading day of Dec
TCC-W3	0.06	0	0.23	2.48	0.81	1 : 1.23886	N/A	343.11	44.91	92.20	4.75	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.05	0.01	0.23	3.60	0.90	1 : 1.10801	N/A	348.30	44.91	369.34	5.10	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.16	0.08	0.23	8.64	0.50	1 : 1	108.66	186.96	44.91	98.41	1.44	24-May-28	Last trading day of Jul
TCJ-W2	0.31	0	4.48	0.66	9.80	1 : 1.02	N/A	128.27	22.65	31.53	14.74	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TCMC-W2	0.01	0	2.3	0.15	4.00	1 : 1	N/A	74.35	37.23	254.40	230.00	30-Nov-19	Last trading day of Mar, Sept
TFG-W2	0.59	0	3.58	0.61	9.50	1 : 1	N/A	181.84	46.47	510.81	6.07	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.08	3.96	0.50	1 : 1	-49.46	537.50	96.87	1,944.51	8.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.47	0.53	3.50	4 : 1	N/A	138.78	34.71	2,191.76	147.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.13	0.01	0.65	0.69	1.00	1 : 1	N/A	73.85	35.96	321.67	5.00	16-Jun-20	Last Trading of June
TNITY-W1	0.34	0.01	4.02	1.45	5.00	1 : 1	N/A	32.84	14.72	97.28	11.82	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.13	0.07	0.3	1.64	0.25	1 : 1.00027	78.13	26.65	38.31	1,606.61	2.31	29-May-21	Last trading day of Mar, June, Sept, Dec

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	Market	Black Scholes											
TTCL-W1	0.71	0.09	7.25	1.73	18.00	1 : 1	696.35	158.07	39.16	112.00	10.21	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.36	0.17	1.23	1.49	1.00	1 : 1.002	106.7	10.43	24.05	162.48	3.42	02-Apr-21	Last trading day of June, Dec
TWZ-W5	0.01	0.01	0.07	0.32	0.10	1 : 1	N/A	57.14	96.12	2,289.87	7.00	31-Jan-20	30 Jan 20
UAC-W2	0.44	0	3.06	0.73	5.55	1 : 1	N/A	95.75	15.85	66.76	6.95	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.26	0.04	0.49	0.44	0.50	1 : 1	586.89	55.10	34.93	103.01	1.88	14-Mar-20	Last trading day of May,Nov
U-W1	0.01	N/A	1.98	0.08	6.00	1 : 0.01	N/A	2.04	43.73	180,628.31	1.98	07-Nov-19	Last trading day of Mar, June, Sept, Dec
U-W4	0.01	0	1.98	3.44	6.00	1 : 0.01	N/A	2.04	43.73	141,895.49	1.98	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.85	1.44	9.6	2.93	10.00	1 : 1	28.42	23.44	26.58	1,711.33	5.19	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.87	0.87	1.9	0.69	1.00	1 : 1.00086	0.37	-1.63	21.19	426.70	2.19	14-Jun-20	30th of Sep
VIBHA-W3	0.23	0.04	1.9	2.69	3.00	1 : 1.00086	518.28	69.90	21.19	1,011.78	8.27	14-Jun-22	30 Sep of each year
WAVE-W1	0.29	0	1.66	0.59	6.00	1 : 1	N/A	278.92	40.14	42.12	5.72	08-May-20	Last trading day of June, Dec
WHA-W1	11.80	11.92	4.58	0.41	3.42	1 : 10.2396	-1.01	2378.38	18.71	79.06	3.97	04-Mar-20	25 of Jun, Dec
WIK-W2	0.10	N/A	1.08	2.24	4.22	1 : 1.185	N/A	355.61	28.52	124.97	12.80	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.10	N/A	0.86	4.53	2.70	1 : 2	N/A	451.16	28.12	413.03	17.20	17-Apr-24	Last trading day of Mar, June, Sept, Dec