

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	0.21	0.51	2.59		1 : 1	-43.53		73.49	605.92	4.25	08-Aug-22	Last Trading of June
AKR-W1	0.11	0	0.61	1.40	1.00	1 : 1	N/A	81.97	23.39	671.57	5.55	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.22	0.02	1.53	0.95	3.00	1 : 1	1045.49	110.46	43.02	230.98	6.95	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.02	0.16	1.48	0.40	1 : 1	-17.47	162.50	86.21	499.97	8.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.09	0.35	0.77	1.41		1 : 1	-74.29		51.07	95.83	8.56	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.13	0.04	1.29	0.35	2.00	1 : 1	205.72	65.12	71.51	102.47	9.92	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	1.47	2.24	39.5	0.34	39.00	1 : 1	-34.33	2.46	25.44	78.51	26.87	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.2	0.41	7.36	1 : 0.204	N/A	730.83	66.72	1,756.00	4.08	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.11	0	2.66	2.90	3.97	1 : 1.00731	N/A	53.81	13.83	358.73	24.36	30-Nov-22	Last trading day of Nov
BM-W1	0.09	0	1.88	0.61	4.00	1 : 1	N/A	117.55	35.35	110.00	20.89	14-Aug-20	16 Aug 2020
BROOK-W5	0.16	0.11	0.44	2.37	0.25	1 : 1	46.95	-6.82	31.27	1,407.38	2.75	20-May-22	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.21	0.98	4.99	1 : 0.12024	N/A	274.26	87.01	3,437.23	2.53	28-Dec-20	30 of Nov
B-W4	0.03	0.02	0.21	1.48	0.92	1 : 1.3087	77.02	461.16	87.01	96.85	9.16	01-Jul-21	Last trading day of June, Dec
B-W5	0.04	0.04	0.21	1.19	0.35	1 : 1	3.17	85.71	87.01	290.56	5.25	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.11	0	0.88	1.47	2.75	1 : 1	N/A	225.00	21.64	1,652.87	8.00	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.02	0	0.83	1.39	2.00	1 : 1	N/A	143.37	23.02	1,445.62	41.50	28-May-21	Last trading day of May, Nov
CHO-W2	0.08	0.01	0.71	0.98	0.86	1 : 1	N/A	32.39	18.22	649.42	8.88	30-Dec-20	Last trading day of June, Dec
CI-W1	0.04	N/A	0.86	0.39	2.16	1 : 1.0172	N/A	158.83	26.80	98.77	21.87	29-May-20	Last trading day of May, Nov
CKP-W1	0.32	0.1	4.92	0.39	6.00	1 : 1.0007	219.76	28.48	32.50	1,111.15	15.39	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.79	0.01	1.75	0.49	3.00	1 : 1	5485.91	116.57	45.83	60.63	2.22	02-Jul-20	15th of Jan, Jul
DCC-W1	0.60	0.49	1.86	1.34	1.15	1 : 1	22.01	-5.91	16.75	1,907.75	3.10	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.62	0.43	7.75	1.50	15.75	1 : 1	44.65	111.23	61.45	182.22	12.50	07-Jul-21	Last trading day of May, Nov
ECF-W3	0.43	0	1.21	1.13	5.00	1 : 1.0008	N/A	348.69	56.70	129.95	2.82	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.29	0.02	1.19	1.08	1.85	1 : 1	1491.76	79.83	33.24	554.43	4.10	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.05	0.40	0.60	1 : 1	N/A	1120.00	195.61	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	0.40	0.50	1 : 1	N/A	920.00	195.61	772.51	5.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	0	0.04	0.53	1.00	1 : 2.32054	N/A	5627.31	245.29	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.04	0.04	1.44	1.00	1 : 2.32054	-54.05	5685.32	245.29	16.42	4.64	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.05	0.04	0.12	3.78	0.15	1 : 1	28.61	66.67	71.52	4,216.75	2.40	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.62	0.15	3.72	0.95	4.83	1 : 1.0361	323.83	48.07	33.14	85.54	6.22	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.07	0	0.39	0.47	0.96	1 : 1.04545	N/A	170.76	51.21	138.79	5.82	26-Jun-20	Last Trading of June
GJS-W3	0.01	0	0.12	0.09	0.17	1 : 0.5	N/A	23.67	86.90	3,674.43	6.00	07-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.23	0.21	0.73	2.04	0.50	1 : 1	8.39	0.00	37.89	749.60	3.17	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.23	0.15	0.62	1.41	0.50	1 : 1	51.97	17.74	37.53	110.50	2.70	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.31	0.02	2.5	1.38	5.00	1 : 1	1321.17	112.40	34.71	249.99	8.06	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.72	1.51	5	0.50	3.61	1 : 1.192	13.97	7.75	67.87	1,294.92	3.47	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.09	0	0.92	0.48	3.50	1 : 1	N/A	290.22	69.19	241.12	10.22	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.75	0	5.4	0.34	15.00	1 : 1	N/A	191.67	48.55	108.00	7.20	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	4.38	4.06	21.1	1.64	18.62	1 : 1.02031	7.96	9.20	39.69	222.00	4.92	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.26	0.01	0.85	2.43	2.00	1 : 1	N/A	165.88	27.10	156.48	3.27	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.94	0.19	4.7	2.30	4.00	2 : 1	387.3	5.11	30.19	157.10	5.00	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.18	0.04	1.43	1.64	2.10	1 : 1	352.19	59.44	30.19	1,375.54	7.94	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.11	0.01	1.3	0.89	3.50	1 : 1	697.36	177.69	56.47	91.07	11.82	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.05	0.01	0.69	2.51	2.00	1 : 1.099	343.69	217.09	41.42	405.44	15.17	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.69	0.51	1.75	1 : 1.03	N/A	159.43	41.42	905.04	71.07	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	3.20	2.13	35.5	1.73	43.00	1 : 1	49.9	30.14	23.79	230.85	11.09	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	0.01	0.01	1.43	0.02	1 : 1	N/A	160.00	245.95	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	0.77	0.1	2.04	1.94	6.48	1 : 1.00255	666.66	256.22	60.42	108.78	2.66	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.04	N/A	2.02	0.39	3.19	1 : 1.5695	N/A	93.68	27.54	127.75	79.26	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3	0.01	0	0.47	0.12	1.00	1 : 1	N/A	114.89	48.60	693.94	47.00	19-Feb-20	Last trading day of May, Nov

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NVD-W1	0.12	0	1.9	1.52	7.86	1 : 1.018	N/A	325.76	29.58	276.12	16.12	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.48	0.21	1.19	2.11	1.00	1 : 1	123.33	24.37	27.38	603.22	2.48	13-Feb-22	13 Feb 2022
ORI-W1	0.63	0.03	7.4	0.73	13.33	1 : 1	1810.64	88.69	38.64	609.86	11.75	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.01	0.03	0.07	3.13	2.00	1 : 1	-67.56	2771.43	166.89	2,460.22	7.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.07	0.05	0.07	2.65	0.25	1 : 1	53.88	357.14	166.89	1,167.36	1.00	29-Aug-22	29 Nov 19
PDI-W1	0.50	N/A	6.65	1.35	33.00	1 : 1	N/A	403.76	22.86	75.33	13.30	14-May-21	15 May, 15 Nov
PDJ-W3	0.43	0.48	1.5	0.09	1.00	1 : 1	-9.73	-4.67	25.22	25.59	3.49	08-Feb-20	7 Feb 20
PDJ-W4	0.45	0.49	1.5	1.09	1.00	1 : 1	-7.3	-3.33	25.22	51.19	3.33	07-Feb-21	7 Feb 21
PERM-W1	0.16	0.02	0.74	2.45	1.80	1 : 1	547.79	164.86	41.17	250.00	4.63	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.84	0.22	2.28	2.39	5.91	1 : 1.09999	288.71	215.61	58.86	46.00	2.99	27-May-22	Last trading day of June, Dec
PPPM-W4	0.16	0.33	0.53	4.57	1.00	1 : 1	-51.91	118.87	142.48	228.83	3.31	31-Jul-24	Last trading day of Oct
PRIME-W1	0.05	N/A	0.39	0.96	1.08	1 : 1.3946	N/A	262.90	63.52	347.00	10.88	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	N/A	0.39	0.96	1.53	1 : 1.3095	N/A	388.59	63.52	261.75	25.54	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.22	0.13	1.44	0.50	1.53	1 : 1.174	67.45	25.52	42.66	31.68	7.68	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.03	N/A	0.88	0.49	2.25	1 : 1.22449	N/A	194.25	25.14	157.08	35.92	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	1.82	0.75	12.1	0.38	12.44	1 : 1.0047	143.92	17.95	35.68	187.52	6.68	23-May-20	Last trading day of Apr, Oct
SAMART-W2	0.53	0.03	6.95	1.36	14.80	1 : 1.014	1809.56	122.26	32.69	335.43	13.30	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.10	0.01	0.83	0.82	1.00	1 : 1	714.28	32.53	22.14	93.41	8.30	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	20.60	24.7	68.25	0.43	48.48	1 : 1.237	-16.61	1.50	31.42	31.05	4.10	11-Jun-20	Last trading day of May,Nov
SDC-W1	0.09	0.02	0.19	3.40	0.50	1 : 1	266.45	210.53	53.45	1,731.04	2.11	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.16	N/A	1.56	0.37	13.32	1 : 1.1261	N/A	860.46	29.67	37.81	10.98	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.23	0	1.56	5.37	26.64	1 : 1.1261	N/A	1827.03	29.67	37.81	7.64	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.63	0.57	1.56	1.50	1.00	1 : 1	9.8	4.49	29.67	43.69	2.48	08-Jul-21	9 Jul 2021
SINGER-W1	1.63	0.57	5.5	1.30	7.00	1 : 1	185.71	56.91	43.36	65.75	3.37	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.34	0.39	5.5	3.29	14.00	1 : 1	247.74	178.91	43.36	65.75	4.10	21-Apr-23	Last trading day of Mar, June, Sept, Dec

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SMART-W2	0.19	0.01	0.92	1.74	1.50	1 : 1	1313.85	83.70	25.01	92.00	4.84	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.11	0.01	1.19	0.39	2.10	1 : 1	N/A	85.71	54.07	209.12	10.82	29-May-20	Last trading day of Mar, Sept , Dec
SST-W2	0.88	0	3.8	1.73	10.00	1 : 1	N/A	186.32	20.28	30.39	4.32	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.03	0.34	3.92	0.13	4.00	1 : 1	-91.3	2.81	96.87	135.45	130.67	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.01	0	0.55	0.65	2.49	1 : 1	N/A	354.55	37.40	5,469.68	55.00	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SVI-W3	0.81	0.92	3.5	0.22	2.94	1 : 1.5098	-12.18	10.82	70.26	30.00	6.52	26-Mar-20	15 of Jul
SWC-W1	2.64	0.57	3.68	2.25	1.00	1 : 1	365.3	-1.09	32.05	143.32	1.39	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.05	N/A	0.41	1.06	1.88	1 : 1.07	N/A	396.68	34.09	400.00	8.77	28-Jan-21	Last trading day of Dec
TCC-W3	0.05	0.02	0.22	2.24	0.81	1 : 1.23886	192.11	358.71	64.23	92.20	5.45	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.03	0.03	0.22	3.35	0.90	1 : 1.10801	18.93	359.10	64.23	369.34	8.13	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.15	0.11	0.22	8.39	0.50	1 : 1	35.53	195.45	64.23	98.41	1.47	24-May-28	Last trading day of Jul
TCJ-W2	0.15	N/A	3.7	0.41	9.80	1 : 1.02	N/A	172.41	28.94	31.53	25.16	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	0.62	0	4.56	0.36	9.50	1 : 1	N/A	121.93	48.21	510.81	7.35	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.07	3.71	0.50	1 : 1	-57.37	628.57	119.29	1,944.51	7.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	2.06	0.28	3.50	4 : 1	N/A	70.39	42.43	2,191.76	206.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.07	0	0.62	0.44	1.00	1 : 1	N/A	72.58	41.13	321.67	8.86	16-Jun-20	Last Trading of June
TNITY-W1	0.26	0.02	3.92	1.20	5.00	1 : 1	1607.26	34.18	18.15	97.28	15.08	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.09	0.06	0.29	1.39	0.25	1 : 1.00027	44.78	17.22	37.14	1,606.61	3.22	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.45	0.01	5.45	1.48	18.00	1 : 1	3527.66	238.53	40.37	112.00	12.11	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.20	0.06	1	1.24	1.00	1 : 1.002	234.47	19.84	24.84	162.48	5.01	02-Apr-21	Last trading day of June, Dec
TWZ-W5	0.01	0	0.07	0.07	0.10	1 : 1	N/A	57.14	92.75	2,289.87	7.00	01-Feb-20	30 Jan 20
UAC-W2	0.22	N/A	2.84	0.48	5.55	1 : 1	N/A	103.17	17.05	66.76	12.91	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.19	0	0.4	0.19	0.50	1 : 1	N/A	72.50	43.03	103.01	2.11	14-Mar-20	Last trading day of May,Nov
U-W4	0.01	0	1.78	3.19	6.00	1 : 0.01	N/A	2.38	40.56	141,895.49	1.78	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.59	1.6	9.75	2.68	10.00	1 : 1	-0.91	18.87	29.18	1,661.33	6.13	11-Sep-22	Last trading day of Mar, June, Sept, Dec

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VIBHA-W2	0.80	0.75	1.77	0.44	1.00	1 : 1.00086	7.1	1.64	20.07	361.66	2.21	14-Jun-20	30th of Sep
VIBHA-W3	0.18	0.02	1.77	2.44	3.00	1 : 1.00086	1090.77	79.56	20.07	1,011.62	9.84	14-Jun-22	30 Sep of each year
WAVE-W1	0.14	0	1.36	0.34	6.00	1 : 1	N/A	351.47	48.37	42.12	9.71	08-May-20	Last trading day of June, Dec
WHA-W1	4.36	4.53	3.86	0.16	3.42	1 : 10.2396	-3.85	1039.37	20.19	79.06	9.07	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.14	0.01	1.28	1.99	4.22	1 : 1.185	N/A	285.23	44.48	124.97	10.83	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.09	N/A	0.81	4.28	2.70	1 : 2	N/A	488.89	38.22	413.03	18.00	17-Apr-24	Last trading day of Mar, June, Sept, Dec