

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	0.14	0.18	0.43	2.21		1 : 1	-21.86		74.40	605.92	3.07	08-Aug-22	Last Trading of June
AKR-W1	0.06	0.02	0.51	1.01	1.00	1 : 1	236.53	107.84	58.25	671.57	8.50	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.36	0.37	2.36	0.57	3.00	1 : 1	-1.39	42.37	90.62	230.98	6.56	18-Dec-20	15th of Mar, Sep
APEX-W1	0.01	0.01	0.08	1.10	0.40	1 : 1	N/A	412.50	109.57	499.97	8.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.25	0.75	1.64	1.03		1 : 1	-66.46		57.08	95.83	6.56	04-Jun-21	Last trading day of Mar, June, Sept, Dec
B52-W2 SP	0.01	N/A	0.16	0.03	7.36	1 : 0.204	N/A	918.64	71.73	1,756.00	3.26	06-Jun-20	Last trading day of June, Dec
BKD-W2	0.10	0.03	1.97	2.52	4.43	1 : 1.01689	192.36	131.89	36.54	358.73	20.03	30-Nov-22	Last trading day of Nov
BM-W1	0.06	0	2.04	0.22	4.00	1 : 1	N/A	99.02	60.77	110.00	34.00	14-Aug-20	16 Aug 2020
BROOK-W5	0.11	0.06	0.36	1.99	0.25	1 : 1	92.68	0.00	44.95	1,079.19	3.27	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W5	1.26	1.16	11.7	0.73	14.00	1 : 1	8.93	30.43	51.90	1,315.33	9.29	16-Feb-21	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.22	0.59	4.99	1 : 0.12024	N/A	261.25	93.30	3,437.23	2.65	28-Dec-20	30 of Nov
B-W4	0.03	0.01	0.22	1.10	0.92	1 : 1.3087	126.86	434.25	93.30	96.85	9.60	01-Jul-21	Last trading day of June, Dec
B-W5	0.05	0.03	0.22	0.81	0.35	1 : 1	48.44	81.82	93.30	290.56	4.40	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.05	0	0.59	1.09	2.75	1 : 1	N/A	374.58	41.93	1,652.87	11.80	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.04	0	0.74	1.01	2.00	1 : 1	N/A	175.68	26.41	1,445.60	18.50	28-May-21	Last trading day of May, Nov
CHO-W2	0.05	0	0.42	0.60	0.86	1 : 1	N/A	116.67	41.12	636.40	8.40	30-Dec-20	Last trading day of June, Dec
CI-W1 SP	0.01	0	0.67	0.01	2.16	1 : 1.0172	N/A	228.16	58.79	98.77	68.15	30-May-20	Last trading day of May, Nov
CKP-W1 SP	0.01	0	4.4	0.01	6.00	1 : 1.0007	N/A	36.62	54.87	1,111.15	440.31	29-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.43	0.14	2.68	0.11	3.00	1 : 1	202.89	27.99	76.93	60.63	6.23	03-Jul-20	15th of Jan, Jul
DCC-W1	0.54	0.62	1.88	0.95	1.15	1 : 1	-13.06	-10.11	33.67	940.24	3.48	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DIMET-W3 SP	0.31	0.12	0.34	1.74	0.65	1 : 1	150.59	182.35	104.85	0.47	1.10	18-Feb-22	20 May, Aug, Nov, Feb
DOD-W1	0.48	0.36	6.25	1.12	15.75	1 : 1	34.26	159.68	81.27	182.22	13.02	07-Jul-21	Last trading day of May, Nov
D-W1	1.12	0.81	3.58	1.78	4.00	1 : 1	38.02	43.02	54.24	40.00	3.20	04-Mar-22	Last trading day of Feb, May, Aug ,Nov
ECF-W3	0.34	0	1.09	0.74	5.00	1 : 1.0008	N/A	389.83	68.87	129.95	3.21	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.16	0.03	0.89	0.70	1.85	1 : 1	430.62	125.84	72.59	554.43	5.56	05-Feb-21	Last Business Day of evert six month from the is

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	Market	Black Scholes												
EFORL-W3	SP	0.01	0	0.03	0.02	0.60	1 : 1	N/A	1933.33	220.03	1,377.16	3.00	02-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	SP	0.01	0	0.03	0.02	0.50	1 : 1	N/A	1600.00	220.03	772.51	3.00	02-Jun-20	22 Jun and 22 Dec of each year
EIC-W2		0.01	N/A	0.12	0.14	1.00	1 : 2.32054	N/A	1721.07	237.48	190.75	27.85	16-Jul-20	Last trading day of June, Dec
EIC-W3		0.04	0.12	0.12	1.06	1.00	1 : 2.32054	-66.28	1779.08	237.48	16.42	6.96	16-Jun-21	Last trading day of June, Dec
EMC-W6		0.04	0.08	0.17	3.39	0.15	1 : 1	-50.06	11.76	106.09	4,216.75	4.25	15-Oct-23	15th of Apr,Oct
EP-W3		0.41	0.16	3.82	0.56	4.78	1 : 1.0457	150.44	37.54	42.85	85.54	9.74	17-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2		0.01	N/A	0.35	0.09	0.96	1 : 1.04545	N/A	184.30	59.27	138.79	36.59	27-Jun-20	Last Trading of June
GLOCON-W4		0.21	0.14	0.55	1.66	0.50	1 : 1	48.58	29.09	61.69	749.60	2.62	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1		0.25	0.22	0.68	1.03	0.50	1 : 1.00828	11.98	9.77	70.96	110.50	2.74	04-Jun-21	Last trading day of June, Dec
HYDRO-W1	SP	0.04	0.03	0.19	1.72	1.00	1 : 1	49.5	447.37	104.99	98.12	4.75	10-Feb-22	First business day of Mar, Jun, Sept and Dec
ITEL-W1		0.40	0.15	2.38	0.99	5.00	1 : 1	160.61	126.89	70.86	249.99	5.95	23-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3		0.52	0.24	3.7	0.11	3.39	1 : 1.267	118.96	7.26	58.61	1,169.41	9.02	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5		0.01	0	0.66	0.14	3.50	1 : 1	N/A	431.82	66.74	241.12	66.00	15-Jul-20	Last trading day of Mar, June, Sept, Dec
JMT-W2		3.76	5.4	19.9	1.26	18.62	1 : 1.02031	-30.38	12.73	73.98	221.49	5.40	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1		0.40	0.13	0.72	2.04	2.00	1 : 1	200.3	233.33	86.23	156.48	1.80	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1		0.76	0.3	3.48	1.92	4.00	2 : 1	157.49	36.78	58.80	157.10	4.58	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2		0.07	0.03	0.65	1.26	2.10	1 : 1	157.98	233.85	76.60	1,375.54	9.29	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4		0.06	0	0.38	0.51	3.50	1 : 1	N/A	836.84	90.32	91.07	6.33	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4		0.05	0.02	0.57	2.13	1.93	1 : 1.14	102.28	282.00	58.24	405.44	13.00	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5		0.01	N/A	0.57	0.13	1.68	1 : 1.069	N/A	210.80	58.24	905.04	60.93	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6		1.42	1.37	16.9	1.35	43.00	1 : 1	3.78	162.84	70.11	230.85	11.90	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6		0.01	N/A	0.01	1.05	0.02	1 : 1	N/A	160.00		14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1		0.68	0.27	1.78	1.55	6.48	1 : 1.00255	148.02	303.22	99.43	108.78	2.62	13-Dec-21	Last trading day of June, Dec
NOK-W1	SP	0.01	N/A	1.02	0.01	3.19	1 : 1.5695	N/A	334.79	79.64	127.75	160.09	30-May-20	Last trading day of Mar, June, Sept, Dec
NVD-W1		0.14	0	1.06	1.14	7.86	1 : 1.018	N/A	666.50	58.33	276.12	7.71	15-Jul-21	Last trading day of May, Nov

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	Market	Black Scholes												
OCEAN-W3	0.35	0.08	0.85	1.72	1.00	1 : 1	343.48	58.82	35.54	603.22	2.43	13-Feb-22	13 Feb 2022	
ORI-W1	0.28	0	4.56	0.35	13.33	1 : 1	N/A	198.54	62.50	609.86	16.29	30-Sep-20	Last trading day of Mar, June, Sept, Dec	
PACE-W2	SP	0.01	0.03	0.06	2.75	2.00	1 : 1	-64.28	3250.00	186.40	2,460.22	6.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	SP	0.01	0.04	0.06	2.26	0.25	1 : 1	-74.5	333.33	186.40	1,167.36	6.00	29-Aug-22	29 Nov 19
PDI-W1		0.69	0	5.7	0.97	33.00	1 : 1	N/A	491.05	45.82	75.33	8.26	14-May-21	15 May, 15 Nov
PDJ-W4		0.29	0.12	1.01	0.71	1.00	1 : 1	138.67	27.72	47.16	51.19	3.48	07-Feb-21	7 Feb 21
PERM-W1		0.14	0.02	0.62	2.06	1.80	1 : 1	480.17	212.90	52.93	250.00	4.43	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1		0.72	0.22	1.85	2.01	5.91	1 : 1.09999	223.09	284.16	77.58	46.00	2.83	27-May-22	Last trading day of June, Dec
PPPM-W4		0.11	0.13	0.42	4.19	1.00	1 : 1	-15.87	164.29	77.75	228.83	3.82	31-Jul-24	Last trading day of Oct
PRIME-W1		0.03	N/A	0.35	0.58	1.08	1 : 1.3946	N/A	300.91	65.15	347.00	16.27	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2		0.02	N/A	0.35	0.58	1.53	1 : 1.3095	N/A	447.96	65.15	261.75	22.92	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2		0.09	0.01	1.05	0.12	1.53	1 : 1.174	600.68	64.07	99.00	31.68	13.70	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2		0.01	N/A	0.61	0.11	2.25	1 : 1.22449	N/A	330.41	67.06	157.08	74.69	03-Jul-20	Last Trading day of Jan, Jul
RWI-W2		0.12	0.2	1.17	1.62	1.50	1 : 1	-40.02	38.46	65.20	318.15	9.75	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SAMART-W2		0.37	0.04	5.05	0.98	14.80	1 : 1.014	737.95	203.20	59.42	335.43	13.84	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1		0.14	0.03	0.91	0.43	1.00	1 : 1	371.85	25.27	32.11	93.41	6.50	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	SP	5.60	12.41	58.75	0.01	48.48	1 : 1.237	-54.89	-9.84	75.96	31.05	12.98	30-May-20	Last trading day of May,Nov
SDC-W1		0.11	0.05	0.14	3.02	0.50	1 : 1	132.61	335.71	101.65	1,731.04	1.27	01-Jun-23	Last trading day of June, Dec
SIMAT-W3		0.51	0.15	2.64	4.99	26.64	1 : 1.1261	242.05	1045.49	56.12	37.81	5.83	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4		1.59	1.56	2.64	1.12	1.00	1 : 1	1.82	-1.89	56.12	43.69	1.66	08-Jul-21	9 Jul 2021
SINGER-W1		2.18	2.29	8.45	0.91	7.00	1 : 1	-4.71	8.64	62.09	65.75	3.88	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2		2.12	1.93	8.45	2.91	14.00	1 : 1	9.94	90.77	62.09	65.75	3.99	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2		0.22	0.03	1.01	1.35	1.50	1 : 1	563.61	70.30	36.49	92.00	4.59	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	SP	0.01	N/A	1.02	0.01	2.10	1 : 1	N/A	106.86	71.30	209.12	102.00	30-May-20	Last trading day of Mar, Sept , Dec
SST-W2		0.80	0	2.78	1.35	9.09	1 : 1.1	N/A	281.37	39.67	30.39	3.82	30-Sep-21	Last trading day of June, Dec

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	Market	Black Scholes											
SUPER-W4	0.01	0	0.66	0.27	2.49	1 : 1	N/A	278.79	55.97	5,469.68	66.00	31-Aug-20	Last trading day of Feb, May, Aug ,Nov
SWC-W1	2.84	1.66	3.96	1.87	1.00	1 : 1	71.08	-3.03	42.40	137.67	1.39	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.06	0	0.39	0.68	1.79	1 : 1.12	N/A	419.28	58.97	400.00	7.28	28-Jan-21	Last trading day of Dec
TAPAC-W4	0.47	0.08	4.54	1.81	9.00	1 : 1	466.76	108.59	36.33	205.93	9.66	18-Mar-22	Last trading day of June, Dec
TCC-W3	0.05	0	0.2	1.85	0.81	1 : 1.23886	N/A	406.97	59.94	92.20	4.96	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.04	0.01	0.2	2.97	0.90	1 : 1.10801	228.65	411.63	59.94	369.34	5.54	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.14	0.09	0.2	8.00	0.50	1 : 1	62.05	220.00	59.94	98.41	1.43	24-May-28	Last trading day of Jul
TCJ-W2 <i>SP</i>	0.01	0	2.56	0.03	9.80	1 : 1.02	N/A	289.03	70.25	31.53	261.12	06-Jun-20	Last trading day of Mar, June, Sept, Dec
TGPRO-W3	0.01	0.03	0.06	3.32	0.50	1 : 1	-63.17	750.00	156.70	1,944.51	6.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
TH-W2 <i>SP</i>	0.01	0	0.44	0.06	1.00	1 : 1	N/A	129.55	51.36	321.67	44.00	17-Jun-20	Last Trading of June
TNITY-W1	0.22	0.07	3.48	0.82	5.00	1 : 1	210.64	50.00	43.93	97.28	15.82	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.09	0.04	0.19	1.01	0.25	1 : 1.00027	147.68	78.93	77.37	1,606.61	2.11	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.37	0	2.78	1.09	18.00	1 : 1	N/A	560.79	62.96	112.00	7.51	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.21	0.11	0.72	0.85	1.00	1 : 1.002	99.98	67.91	78.27	162.48	3.44	02-Apr-21	Last trading day of June, Dec
UAC-W2	0.05	0	3.32	0.10	5.55	1 : 1	N/A	68.67	49.40	66.76	66.40	01-Jul-20	Last trading day of Mar, June, Sept, Dec
U-W4	0.01	0	1.25	2.81	6.00	1 : 0.01	N/A	3.81	71.38	141,895.49	1.25	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	0.94	2.09	8.1	2.30	10.00	1 : 1	-55.09	35.06	63.71	1,661.33	8.62	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2 <i>SP</i>	0.56	0.61	1.63	0.05	1.00	1 : 1.00086	-8.8	-4.36	33.48	361.66	2.91	13-Jun-20	30th of Sep
VIBHA-W3	0.16	0.05	1.63	2.05	3.00	1 : 1.00086	254.72	93.76	33.48	1,011.62	10.20	14-Jun-22	30 Sep of each year
WIJK-W2	0.24	0.01	1.33	1.61	4.19	1 : 1.194	N/A	278.39	46.81	124.97	6.62	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.09	N/A	0.56	3.90	2.70	1 : 2	N/A	796.43	55.48	413.03	12.44	17-Apr-24	Last trading day of Mar, June, Sept, Dec