

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	0.07	0.13	0.32	2.32		1 : 1	-47.5		70.00	605.92	4.57	08-Aug-22	Last Trading of June
AKR-W1	0.04	0.01	0.47	1.13	1.00	1 : 1	N/A	121.28	46.43	671.57	11.75	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.15	0.11	1.48	0.68	3.00	1 : 1	40.14	112.84	87.36	230.98	9.87	18-Dec-20	15th of Mar, Sep
APEX-W1	0.02	0.01	0.1	1.21	0.40	1 : 1	98.9	320.00	102.39	499.97	5.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.07	0.32	0.71	1.14		1 : 1	-78.31		54.72	95.83	10.14	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.01	0	0.93	0.09	2.00	1 : 1	N/A	116.13	100.84	102.47	93.00	15-May-20	25 Jun and 25 Dec of each year
AYUD-W1	0.06	0.03	31.75	0.07	37.85	1 : 1.03	93.3	19.99	37.27	78.51	545.04	09-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.17	0.15	7.36	1 : 0.204	N/A	863.40	75.39	1,756.00	3.47	06-Jun-20	Last trading day of June, Dec
BKD-W2	0.06	0.03	1.97	2.63	4.43	1 : 1.01689	92.43	129.82	35.16	358.73	33.39	30-Nov-22	Last trading day of Nov
BM-W1	0.02	0	1.32	0.34	4.00	1 : 1	N/A	204.55	54.85	110.00	66.00	14-Aug-20	16 Aug 2020
BROOK-W5	0.11	0.07	0.38	2.10	0.25	1 : 1	68.7	-5.26	43.41	1,079.19	3.45	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W5	0.72	0.68	10.3	0.85	14.00	1 : 1	6.58	42.91	48.44	1,315.33	14.31	16-Feb-21	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.17	0.71	4.99	1 : 0.12024	N/A	341.62	91.98	3,437.23	2.04	28-Dec-20	30 of Nov
B-W4	0.01	0.01	0.17	1.22	0.92	1 : 1.3087	N/A	585.07	91.98	96.85	22.25	01-Jul-21	Last trading day of June, Dec
B-W5	0.03	0.02	0.17	0.92	0.35	1 : 1	49.17	123.53	91.98	290.56	5.67	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.04	0	0.6	1.20	2.75	1 : 1	N/A	365.00	33.87	1,652.87	15.00	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.01	0	0.75	1.12	1.99	1 : 1.003	N/A	167.70	27.35	1,445.60	75.23	28-May-21	Last trading day of May, Nov
CHO-W2	0.05	0	0.44	0.72	0.86	1 : 1	N/A	106.82	26.20	636.40	8.80	30-Dec-20	Last trading day of June, Dec
CI-W1	0.01	N/A	0.58	0.13	2.16	1 : 1.0172	N/A	279.34	56.87	98.77	59.00	30-May-20	Last trading day of May, Nov
CKP-W1	0.02	0	3.34	0.13	6.00	1 : 1.0007	N/A	80.30	52.27	1,111.15	167.12	29-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	1.00	0.01	1.8	0.22	3.00	1 : 1	6857.27	122.22	66.39	60.63	1.80	02-Jul-20	15th of Jan, Jul
DCC-W1	0.27	0.21	1.43	1.07	1.15	1 : 1	28.93	-0.70	27.62	1,907.75	5.30	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.37	0.14	4.8	1.23	15.75	1 : 1	156.37	235.83	76.42	182.22	12.97	07-Jul-21	Last trading day of May, Nov
D-W1	0.32	0.29	2.64	1.89	4.00	1 : 1	8.75	63.64	45.35	40.00	8.25	04-Mar-22	Last trading day of Feb, May, Aug ,Nov
ECF-W3	0.21	0	0.99	0.86	5.00	1 : 1.0008	N/A	426.18	62.50	129.95	4.72	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2

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	Market	Black Scholes											
ECL-W3	0.15	0.02	0.8	0.82	1.85	1 : 1	563.86	150.00	69.24	554.43	5.33	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.03	0.14	0.60	1 : 1	N/A	1933.33	201.36	1,377.16	3.00	02-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0	0.03	0.14	0.50	1 : 1	N/A	1600.00	201.36	772.51	3.00	02-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	N/A	0.03	0.26	1.00	1 : 2.32054	N/A	7580.43	247.49	190.75	6.96	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.01	0.02	0.03	1.18	1.00	1 : 2.32054	-54.61	7580.43	247.49	16.42	6.96	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.02	0.03	0.08	3.51	0.15	1 : 1	-33.87	112.50	102.09	4,216.75	4.00	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.25	0.02	3	0.68	4.83	1 : 1.0361	1175.71	71.69	36.10	85.54	12.43	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.01	N/A	0.26	0.21	0.96	1 : 1.04545	N/A	284.28	46.39	138.79	27.18	27-Jun-20	Last Trading of June
GLOCON-W4	0.11	0.08	0.42	1.77	0.50	1 : 1	43.55	45.24	57.01	749.60	3.82	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.25	0.15	0.57	1.14	0.50	1 : 1.00828	70.25	31.11	64.19	110.50	2.30	04-Jun-21	Last trading day of June, Dec
HYDRO-W1 <i>SP</i>	0.04	0.02	0.19	1.83	1.00	1 : 1	85.22	447.37	94.91	98.12	4.75	10-Feb-22	First business day of Mar, Jun, Sept and Dec
ITEL-W1	0.29	0.09	2.08	1.11	5.00	1 : 1	239.31	154.33	64.70	249.99	7.17	23-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	0.96	1.43	5.25	0.23	3.61	1 : 1.192	-32.9	-15.55	68.03	1,169.41	6.52	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.03	0	0.6	0.25	3.50	1 : 1	N/A	488.33	83.53	241.12	20.00	14-Jul-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.01	N/A	3.86	0.07	13.33	1 : 1.125	N/A	276.39	56.40	108.00	434.25	09-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	2.70	3.2	15.8	1.37	18.62	1 : 1.02031	-15.57	35.66	70.30	221.49	5.97	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.09	0.02	0.39	2.16	2.00	1 : 1	454.17	435.90	67.85	156.48	4.33	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.49	0.11	2.88	2.03	4.00	2 : 1	333.01	55.90	51.75	157.10	5.88	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.06	0.03	0.67	1.37	2.10	1 : 1	111.38	222.39	72.35	1,375.54	11.17	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.03	0	0.41	0.62	3.50	1 : 1	N/A	760.98	97.79	91.07	13.67	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.02	0.02	0.55	2.24	1.93	1 : 1.14	2.97	290.18	55.43	405.44	31.35	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	N/A	0.55	0.24	1.68	1 : 1.069	N/A	222.35	55.43	905.04	58.80	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	1.34	1.44	19	1.47	43.00	1 : 1	-6.96	133.37	63.52	230.85	14.18	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	N/A	0.01	1.16	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	0.41	0.22	1.5	1.67	6.48	1 : 1.00255	89.75	360.48	99.71	108.78	3.67	13-Dec-21	Last trading day of June, Dec

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	Market	Black Scholes											
NOK-W1	0.12	N/A	1.02	0.13	3.19	1 : 1.5695	N/A	351.71	74.64	127.75	13.34	29-May-20	Last trading day of Mar, June, Sept, Dec
NVD-W1	0.07	0	1.1	1.25	7.86	1 : 1.018	N/A	632.09	57.24	276.12	16.00	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.29	0.08	0.83	1.84	1.00	1 : 1	284.92	55.42	34.25	603.22	2.86	13-Feb-22	13 Feb 2022
ORI-W1	0.14	0	4.78	0.47	13.33	1 : 1	N/A	181.87	60.88	609.86	34.14	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2 <i>SP</i>	0.01	0.04	0.06	2.86	2.00	1 : 1	-71.76	3250.00	208.54	2,460.22	6.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3 <i>SP</i>	0.01	0.04	0.06	2.38	0.25	1 : 1	-77.44	333.33	208.54	1,167.36	6.00	29-Aug-22	29 Nov 19
PDI-W1	0.32	0	4.14	1.08	33.00	1 : 1	N/A	704.83	35.78	75.33	12.94	14-May-21	15 May, 15 Nov
PDJ-W4	0.15	0.12	1	0.82	1.00	1 : 1	22.29	15.00	46.70	51.19	6.67	07-Feb-21	7 Feb 21
PERM-W1	0.08	0.02	0.59	2.18	1.80	1 : 1	288.62	218.64	51.45	250.00	7.38	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.52	0.2	1.68	2.12	5.91	1 : 1.09999	161.49	310.95	79.05	46.00	3.55	27-May-22	Last trading day of June, Dec
PPPM-W4	0.10	0.1	0.38	4.30	1.00	1 : 1	-3.37	189.47	73.26	228.83	3.80	31-Jul-24	Last trading day of Oct
PRIME-W1	0.01	N/A	0.24	0.69	1.08	1 : 1.3946	N/A	491.13	59.62	347.00	33.47	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	N/A	0.24	0.69	1.53	1 : 1.3095	N/A	713.30	59.62	261.75	15.71	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.04	0.03	0.99	0.23	1.53	1 : 1.174	24.63	69.14	88.49	31.68	29.06	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.02	N/A	0.64	0.22	2.25	1 : 1.22449	N/A	311.10	63.36	157.08	39.18	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	0.27	0.04	9.9	0.11	12.44	1 : 1.0047	605.97	28.54	46.25	187.52	36.84	23-May-20	Last trading day of Apr, Oct
RWI-W2	0.07	0.15	1.05	1.73	1.50	1 : 1	-52.08	49.52	59.70	318.15	15.00	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021
SAMART-W2	0.42	0.05	4.96	1.09	14.80	1 : 1.014	682.86	209.75	58.60	335.43	11.97	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.06	0.01	0.82	0.55	1.00	1 : 1	312.63	29.27	30.41	93.41	13.67	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	6.25	6.87	51.75	0.13	48.48	1 : 1.237	-9.05	7.11	72.38	31.05	10.24	30-May-20	Last trading day of May,Nov
SDC-W1	0.07	0.03	0.11	3.13	0.50	1 : 1	166.07	418.18	90.50	1,731.04	1.57	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.03	N/A	1.81	0.10	13.32	1 : 1.1261	N/A	717.97	46.83	37.81	67.94	20-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.23	0.02	1.81	5.10	26.64	1 : 1.1261	1369	1559.13	46.83	37.81	8.86	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.74	0.82	1.81	1.24	1.00	1 : 1	-9.48	-3.87	46.83	43.69	2.45	08-Jul-21	9 Jul 2021
SINGER-W1	1.35	0.5	4.88	1.03	7.00	1 : 1	172.67	71.11	59.87	65.75	3.61	23-Apr-21	Last trading day of Mar, June, Sept, Dec

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	Market	Black Scholes												
SINGER-W2	1.06	0.54	4.88	3.02	14.00	1 : 1	97.17	208.61	59.87	65.75	4.60	21-Apr-23	Last trading day of Mar, June, Sept, Dec	
SMART-W2	0.15	0.01	0.83	1.47	1.50	1 : 1	1381.64	98.80	35.08	92.00	5.53	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an	
SMT-W2	0.01	0	0.8	0.13	2.10	1 : 1	N/A	163.75	66.58	209.12	80.00	29-May-20	Last trading day of Mar, Sept, Dec	
SST-W2	0.34	0	2.98	1.47	10.00	1 : 1	N/A	246.98	32.80	30.39	8.76	30-Sep-21	Last trading day of June, Dec	
SUPER-W4	0.01	0	0.45	0.38	2.49	1 : 1	N/A	455.56	51.05	5,469.68	45.00	31-Aug-20	Last trading day of Feb, May, Aug, Nov	
SWC-W1	2.40	1.73	4.16	1.99	1.00	1 : 1	38.57	-18.27	34.79	143.32	1.73	08-Apr-22	Last business day of every 6 month after the iss	
TAKUNI-W	0.03	0	0.31	0.79	1.79	1 : 1.12	N/A	545.55	54.55	400.00	11.57	28-Jan-21	Last trading day of Dec	
TCC-W3	0.03	0.01	0.19	1.97	0.81	1 : 1.23886	170.79	421.86	67.96	92.20	7.85	01-Apr-22	Last trading day of Mar, June, Sept, Dec	
TCC-W4	0.03	0.02	0.19	3.08	0.90	1 : 1.10801	63.25	433.29	67.96	369.34	7.02	14-May-23	Last trading day of Mar, June, Sept, Dec	
TCC-W5	0.09	0.1	0.19	8.12	0.50	1 : 1	-5.4	210.53	67.96	98.41	2.11	24-May-28	Last trading day of Jul	
TCJ-W2	0.04	N/A	1.89	0.15	9.80	1 : 1.02	N/A	429.26	60.92	31.53	48.20	05-Jun-20	Last trading day of Mar, June, Sept, Dec	
TFG-W2	0.01	N/A	3.3	0.10	9.22	1 : 1.031	N/A	185.17	61.84	510.81	340.23	19-May-20	Last trading day of June, Dec	
TGPRO-W3	0.01	0.01	0.04	3.44	0.50	1 : 1	-30.3	1175.00	141.55	1,944.51	4.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec	
THE-W2	SP	0.01	0	1.35	0.01	3.50	4 : 1	N/A	160.00	56.10	2,191.76	135.00	18-Apr-20	Last trading day of Apr, Oct
TH-W2	0.01	0	0.5	0.18	1.00	1 : 1	N/A	102.00	38.03	321.67	50.00	16-Jun-20	Last Trading of June	
TNITY-W1	0.11	0.05	3.24	0.93	5.00	1 : 1	138.38	57.72	42.50	97.28	29.45	19-Mar-21	Last trading day of Mar, June, Sept, Dec	
TRITN-W3	0.06	0.03	0.19	1.13	0.25	1 : 1.00027	83.95	63.14	67.98	1,606.61	3.17	29-May-21	Last trading day of Mar, June, Sept, Dec	
TTCL-W1	0.39	0.01	3.2	1.21	18.00	1 : 1	N/A	474.69	61.30	112.00	8.21	28-Jun-21	Last trading day of June, Dec	
TVD-W2	0.12	0.04	0.57	0.97	1.00	1 : 1.002	174.04	96.33	65.46	162.48	4.76	02-Apr-21	Last trading day of June, Dec	
UAC-W2	0.11	0	2.58	0.21	5.55	1 : 1	N/A	119.38	45.73	66.76	23.45	30-Jun-20	Last trading day of Mar, June, Sept, Dec	
U-W4	0.01	0	1.1	2.92	6.00	1 : 0.01	N/A	4.46	64.96	141,895.49	1.10	15-Mar-23	Last trading day of Mar, June, Sept, Dec	
VGI-W2	0.65	1.17	6.5	2.41	10.00	1 : 1	-44.67	63.85	57.17	1,661.33	10.00	11-Sep-22	Last trading day of Mar, June, Sept, Dec	
VIBHA-W2	0.45	0.5	1.51	0.17	1.00	1 : 1.00086	-9.17	-4.04	31.38	361.66	3.36	14-Jun-20	30th of Sep	
VIBHA-W3	0.12	0.02	1.51	2.17	3.00	1 : 1.00086	381.47	106.52	31.38	1,011.62	12.59	14-Jun-22	30 Sep of each year	
WAVE-W1	0.01	0	0.98	0.07	6.00	1 : 1	N/A	513.27	54.33	42.12	98.00	09-May-20	Last trading day of June, Dec	

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	Market	Black Scholes											
WIJK-W2	0.11	0.01	1.15	1.72	4.22	1 : 1.185	N/A	327.78	50.20	124.97	12.39	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.06	N/A	0.49	4.01	2.70	1 : 2	N/A	926.53	52.18	413.03	16.33	17-Apr-24	Last trading day of Mar, June, Sept, Dec