

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	0.09	0.16	0.38	2.30		1 : 1	-43.16		72.39	605.92	4.22	08-Aug-22	Last Trading of June	
AKR-W1	0.04	0.01	0.46	1.11	1.00	1 : 1	N/A	126.09	47.33	671.57	11.50	30-May-21	Last trading day of Feb, May, Aug ,Nov	
ALT-W1	0.18	0.13	1.59	0.66	3.00	1 : 1	35.09	100.00	87.91	230.98	8.83	18-Dec-20	15th of Mar, Sep	
APEX-W1	0.02	0.01	0.1	1.19	0.40	1 : 1	82.98	320.00	106.31	499.97	5.00	30-Jun-21	Last trading day of June, Dec	
APURE-W2	0.07	0.37	0.81	1.12		1 : 1	-80.99		55.44	95.83	11.57	04-Jun-21	Last trading day of Mar, June, Sept, Dec	
AS-W1	0.01	0	0.97	0.07	2.00	1 : 1	N/A	107.22	104.37	102.47	97.00	15-May-20	25 Jun and 25 Dec of each year	
AYUD-W1	SP	0.01	0.06	33	0.05	37.85	1 : 1.03	-83.15	15.18	37.09	78.51	3399.00	09-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.17	0.13	7.36	1 : 0.204	N/A	863.40	75.72	1,756.00	3.47	06-Jun-20	Last trading day of June, Dec	
BKD-W2	0.06	0.05	2.1	2.61	4.43	1 : 1.01689	20.81	115.49	36.31	358.73	35.59	30-Nov-22	Last trading day of Nov	
BM-W1	0.04	0	1.42	0.32	4.00	1 : 1	N/A	184.51	57.06	110.00	35.50	14-Aug-20	16 Aug 2020	
BROOK-W5	0.11	0.08	0.4	2.08	0.25	1 : 1	42.63	-10.00	43.34	1,079.19	3.64	20-May-22	Last trading day of Mar, June, Sept, Dec	
BTS-W5	0.82	1	11.2	0.83	14.00	1 : 1	-18.32	32.32	50.03	1,315.33	13.66	16-Feb-21	Last trading day of Mar, June, Sept, Dec	
B-W3	0.01	0	0.2	0.69	4.99	1 : 0.12024	N/A	288.58	94.64	3,437.23	2.40	28-Dec-20	30 of Nov	
B-W4	0.02	0.01	0.2	1.20	0.92	1 : 1.3087	46.73	484.22	94.64	96.85	13.09	01-Jul-21	Last trading day of June, Dec	
B-W5	0.03	0.03	0.2	0.90	0.35	1 : 1	-3.91	90.00	94.64	290.56	6.67	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct	
CGD-W4	0.07	0	0.67	1.18	2.75	1 : 1	N/A	320.90	38.77	1,652.87	9.57	26-Jun-21	Last trading day of June, Dec	
CGH-W3	0.01	0	0.76	1.10	2.00	1 : 1	N/A	164.47	27.95	1,445.60	76.00	28-May-21	Last trading day of May, Nov	
CHO-W2	0.05	0	0.43	0.70	0.86	1 : 1	N/A	111.63	29.60	636.40	8.60	30-Dec-20	Last trading day of June, Dec	
CI-W1	0.01	0	0.61	0.11	2.16	1 : 1.0172	N/A	260.60	56.85	98.77	62.05	30-May-20	Last trading day of May, Nov	
CKP-W1	0.01	0	3.4	0.11	6.00	1 : 1.0007	N/A	76.82	53.39	1,111.15	340.24	29-May-20	Last trading day of Mar, June, Sept, Dec	
CRANE-W1	0.64	0.01	1.74	0.20	3.00	1 : 1	N/A	109.20	66.70	60.63	2.72	02-Jul-20	15th of Jan, Jul	
DCC-W1	0.32	0.3	1.56	1.05	1.15	1 : 1	5.81	-5.77	30.06	1,907.75	4.88	08-May-21	8 May 2019, 8 May 2020, 8 May 2021	
DOD-W1	0.38	0.16	4.94	1.21	15.75	1 : 1	137.87	226.52	76.84	182.22	13.00	07-Jul-21	Last trading day of May, Nov	
D-W1	0.33	0.24	2.5	1.87	4.00	1 : 1	37.65	73.20	45.75	40.00	7.58	04-Mar-22	Last trading day of Feb, May, Aug ,Nov	
ECF-W3	0.20	0	0.98	0.84	5.00	1 : 1.0008	N/A	430.53	62.11	129.95	4.90	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	0.11	0.02	0.78	0.80	1.85	1 : 1	438.31	151.28	70.25	554.43	7.09	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.04	0.12	0.60	1 : 1	N/A	1425.00	196.15	1,377.16	4.00	02-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0	0.04	0.12	0.50	1 : 1	N/A	1175.00	196.15	772.51	4.00	02-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	N/A	0.03	0.24	1.00	1 : 2.32054	N/A	7580.43	246.47	190.75	6.96	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.01	0.02	0.03	1.16	1.00	1 : 2.32054	-51.52	7580.43	246.47	16.42	6.96	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.02	0.04	0.1	3.49	0.15	1 : 1	-51.55	70.00	104.11	4,216.75	5.00	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.25	0.02	3.04	0.66	4.83	1 : 1.0361	1010.19	69.39	36.25	85.54	12.60	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.01	N/A	0.31	0.19	0.96	1 : 1.04545	N/A	221.57	54.83	138.79	32.41	27-Jun-20	Last Trading of June
GLOCON-W4	0.15	0.1	0.47	1.75	0.50	1 : 1	48.29	38.30	59.10	749.60	3.13	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.25	0.2	0.65	1.12	0.50	1 : 1.00828	24.07	14.87	66.98	110.50	2.62	04-Jun-21	Last trading day of June, Dec
HYDRO-W1 <i>SP</i>	0.04	0.02	0.19	1.81	1.00	1 : 1	90.33	447.37	95.39	98.12	4.75	10-Feb-22	First business day of Mar, Jun, Sept and Dec
ITEL-W1	0.23	0.07	1.94	1.09	5.00	1 : 1	228.71	169.59	66.78	249.99	8.43	23-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	0.61	1.16	4.94	0.21	3.61	1 : 1.192	-47.52	-17.49	67.87	1,169.41	9.65	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.03	0	0.62	0.23	3.50	1 : 1	N/A	469.35	83.94	241.12	20.67	14-Jul-20	Last trading day of Mar, June, Sept, Dec
JKN-W1 <i>SP</i>	0.01	N/A	3.82	0.05	13.33	1 : 1.125	N/A	280.46	56.21	108.00	429.75	09-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	3.00	3.94	17	1.35	18.62	1 : 1.02031	-23.81	27.74	72.85	221.49	5.78	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.30	0.07	0.59	2.14	2.00	1 : 1	353.46	289.83	75.32	156.48	1.97	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.44	0.12	2.9	2.01	4.00	2 : 1	254.91	53.10	52.51	157.10	6.59	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.06	0.06	0.81	1.35	2.10	1 : 1	1.19	166.67	77.07	1,375.54	13.50	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.02	0	0.34	0.60	3.50	1 : 1	N/A	935.29	97.80	91.07	17.00	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W4	0.03	0.02	0.52	2.22	1.93	1 : 1.14	88.51	315.69	55.53	405.44	19.76	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.01	0	0.52	0.22	1.68	1 : 1.069	N/A	241.35	55.53	905.04	55.59	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	2.24	2.11	20.6	1.45	43.00	1 : 1	5.92	119.61	67.00	230.85	9.20	30-Sep-21	15th of Feb, May, Aug, Nov
NEWS-W6	0.01	N/A	0.01	1.15	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	0.42	0.22	1.48	1.65	6.48	1 : 1.00255	91.14	367.39	102.14	108.78	3.53	13-Dec-21	Last trading day of June, Dec

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	Market	Black Scholes												
NOK-W1	0.02	N/A	1.2	0.11	3.19	1 : 1.5695	N/A	262.33	78.99	127.75	94.17	30-May-20	Last trading day of Mar, June, Sept, Dec	
NVD-W1	0.08	0	1.12	1.24	7.86	1 : 1.018	N/A	619.89	57.20	276.12	14.25	15-Jul-21	Last trading day of May,Nov	
OCEAN-W3	0.32	0.1	0.89	1.82	1.00	1 : 1	234.41	48.31	34.68	603.22	2.78	13-Feb-22	13 Feb 2022	
ORI-W1	0.14	0	4.5	0.45	13.33	1 : 1	N/A	199.41	61.35	609.86	32.14	30-Sep-20	Last trading day of Mar, June, Sept, Dec	
PACE-W2	SP	0.01	0.03	0.06	2.84	2.00	1 : 1	-71.4	3250.00	207.69	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	2.36	0.25	1 : 1	-77.33	333.33	207.69	1,167.36	6.00	29-Aug-22	29 Nov 19
PDI-W1	0.29	0	4.16	1.07	33.00	1 : 1	N/A	700.24	36.29	75.33	14.34	14-May-21	15 May, 15 Nov	
PDJ-W4	0.17	0.14	1.04	0.80	1.00	1 : 1	18.65	12.50	47.36	51.19	6.12	07-Feb-21	7 Feb 21	
PERM-W1	0.08	0.02	0.57	2.16	1.80	1 : 1	363.22	229.82	51.54	250.00	7.13	17-Jun-22	30 Sept 19, 17 Jun 22	
PORT-W1	0.58	0.19	1.64	2.10	5.91	1 : 1.09999	209.74	325.24	79.80	46.00	3.11	27-May-22	Last trading day of June, Dec	
PPPM-W4	0.11	0.16	0.48	4.28	1.00	1 : 1	-31.3	131.25	77.47	228.83	4.36	31-Jul-24	Last trading day of Oct	
PRIME-W1	0.01	N/A	0.24	0.67	1.08	1 : 1.3946	N/A	491.13	59.37	347.00	33.47	22-Dec-20	Last trading day of Mar, June, Sept, Dec	
PRIME-W2	0.01	N/A	0.24	0.67	1.53	1 : 1.3095	N/A	707.84	59.37	261.75	31.43	22-Dec-20	Last trading day of Mar, June, Sept, Dec	
PROUD-W2	0.04	0.02	0.92	0.21	1.53	1 : 1.174	99.44	83.33	92.21	31.68	27.00	06-Jul-20	Last trading day of Mar, June, Sept, Dec	
RICHY-W2	0.02	N/A	0.66	0.20	2.25	1 : 1.22449	N/A	297.96	63.51	157.08	40.41	02-Jul-20	Last Trading day of Jan, Jul	
RS-W3	0.14	0.03	9.85	0.09	12.44	1 : 1.0047	450.08	27.87	46.83	187.52	70.69	23-May-20	Last trading day of Apr, Oct	
RWI-W2	0.06	0.12	0.97	1.72	1.50	1 : 1	-51.12	60.82	60.78	318.15	16.17	06-Jan-22	15th Jun, Sept, Dec 2020, Mar, Jun, Sept 2021	
SAMART-W2	0.35	0.04	4.84	1.07	14.80	1 : 1.014	710.95	216.00	58.67	335.43	14.02	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21	
SANKO-W1	0.05	0.02	0.84	0.53	1.00	1 : 1	210.47	25.00	30.66	93.41	16.80	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20	
SAWAD-W1	6.35	6	51.25	0.11	48.48	1 : 1.237	5.91	8.63	73.69	31.05	9.98	30-May-20	Last trading day of May,Nov	
SDC-W1	0.08	0.04	0.14	3.12	0.50	1 : 1	85.81	314.29	95.68	1,731.04	1.75	01-Jun-23	Last trading day of June, Dec	
SIMAT-W2	0.01	N/A	1.92	0.08	13.32	1 : 1.1261	N/A	669.21	46.62	37.81	216.21	20-May-20	Last trading day of Jan, Apr, Jul, Oct	
SIMAT-W3	0.22	0.02	1.92	5.08	26.64	1 : 1.1261	1172.05	1462.76	46.62	37.81	9.83	19-May-25	Last trading day of Jan, Apr, Jul, Oct	
SIMAT-W4	0.78	0.91	1.92	1.22	1.00	1 : 1	-14.1	-7.29	46.62	43.69	2.46	08-Jul-21	9 Jul 2021	
SINGER-W1	1.25	0.51	4.96	1.01	7.00	1 : 1	147.01	66.33	59.16	65.75	3.97	23-Apr-21	Last trading day of Mar, June, Sept, Dec	

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	Market	Black Scholes											
SINGER-W2	1.05	0.55	4.96	3.00	14.00	1 : 1	92.51	203.43	59.16	65.75	4.72	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2	0.17	0.01	0.83	1.45	1.50	1 : 1	1560.77	101.20	34.16	92.00	4.88	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.01	0	0.76	0.11	2.10	1 : 1	N/A	177.63	66.40	209.12	76.00	29-May-20	Last trading day of Mar, Sept, Dec
SST-W2	0.36	0	3.06	1.45	10.00	1 : 1	N/A	238.56	33.02	30.39	8.50	30-Sep-21	Last trading day of June, Dec
SUPER-W4	0.01	0	0.45	0.36	2.49	1 : 1	N/A	455.56	51.42	5,469.68	45.00	31-Aug-20	Last trading day of Feb, May, Aug, Nov
SWC-W1	2.78	1.75	4.18	1.97	1.00	1 : 1	58.93	-9.57	36.55	143.32	1.50	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.03	0	0.32	0.78	1.79	1 : 1.12	N/A	525.00	56.74	400.00	11.95	28-Jan-21	Last trading day of Dec
TAPAC-W4	0.61	0.2	4.86	1.91	9.00	1 : 1	209.1	97.74	42.09	205.93	7.97	18-Mar-22	Last trading day of June, Dec
TCC-W3	0.03	0.01	0.2	1.95	0.81	1 : 1.23886	135.03	394.58	68.62	92.20	8.26	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.03	0.02	0.2	3.07	0.90	1 : 1.10801	41	406.09	68.62	369.34	7.39	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.10	0.1	0.2	8.10	0.50	1 : 1	-2.45	200.00	68.62	98.41	2.00	24-May-28	Last trading day of Jul
TCJ-W2	0.02	0	2.04	0.13	9.80	1 : 1.02	N/A	389.20	64.13	31.53	104.04	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TFG-W2	0.01	N/A	3.38	0.08	9.22	1 : 1.031	N/A	178.35	61.14	510.81	348.48	19-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.01	0.04	3.42	0.50	1 : 1	-28.73	1175.00	140.05	1,944.51	4.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
TH-W2	0.01	0	0.49	0.16	1.00	1 : 1	N/A	106.12	45.01	321.67	49.00	16-Jun-20	Last Trading of June
TNITY-W1	0.11	0.06	3.34	0.91	5.00	1 : 1	78.89	52.99	43.24	97.28	30.36	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.06	0.03	0.17	1.11	0.25	1 : 1.00027	124.95	82.33	71.91	1,606.61	2.83	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.31	0	3.08	1.19	18.00	1 : 1	N/A	494.48	63.05	112.00	9.94	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.10	0.05	0.59	0.95	1.00	1 : 1.002	104.68	86.27	67.01	162.48	5.91	02-Apr-21	Last trading day of June, Dec
UAC-W2	0.10	0	2.58	0.19	5.55	1 : 1	N/A	118.99	45.99	66.76	25.80	30-Jun-20	Last trading day of Mar, June, Sept, Dec
U-W4	0.01	0	1.06	2.90	6.00	1 : 0.01	N/A	4.67	67.94	141,895.49	1.06	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	0.68	1.53	7.1	2.39	10.00	1 : 1	-55.49	50.42	60.12	1,661.33	10.44	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.66	0.62	1.64	0.15	1.00	1 : 1.00086	6.05	1.16	32.15	361.66	2.49	14-Jun-20	30th of Sep
VIBHA-W3	0.12	0.05	1.64	2.15	3.00	1 : 1.00086	157.29	90.14	32.15	1,011.62	13.68	14-Jun-22	30 Sep of each year
WAVE-W1	SP	N/A	0.98	0.05	6.00	1 : 1	N/A	513.27	54.67	42.12	98.00	09-May-20	Last trading day of June, Dec

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	Market	Black Scholes											
WIJK-W2	0.09	0.01	1.12	1.70	4.22	1 : 1.185	N/A	337.62	50.83	124.97	14.75	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.06	N/A	0.5	3.99	2.70	1 : 2	N/A	904.00	52.52	413.03	16.67	17-Apr-24	Last trading day of Mar, June, Sept, Dec