

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	0.25	0.61	2.74		1 : 1	-37.05		79.15	605.92	3.81	08-Aug-22	Last Trading of June	
AJA-W1	SP	0.01	N/A	0.17	0.03	1.53	1 : 1.30972	N/A	1053.17	64.77	749.96	22.27	21-Nov-19	Last trading day of Mar, Sept
AKR-W1		0.11	0.02	0.67	1.55	1.00	1 : 1	375.17	65.67	32.52	671.57	6.09	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1		0.32	0.08	2.1	1.10	3.00	1 : 1	286.13	58.10	36.37	230.98	6.56	18-Dec-20	15th of Mar,Sept
APEX-W1		0.02	0.02	0.16	1.64	0.40	1 : 1	-14.13	162.50	80.51	499.97	8.00	30-Jun-21	Last trading day of June, Dec
APURE-W2		0.08	0.31	0.69	1.56		1 : 1	-74.49		46.92	95.83	8.63	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1		0.07	0	0.86	0.51	2.00	1 : 1	N/A	140.70	40.99	102.47	12.29	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1		2.06	2.42	39	0.49	39.00	1 : 1	-14.83	5.28	25.09	78.56	18.93	08-May-20	15th of Jun, Dec
B52-W2		0.01	0	0.22	0.57	7.50	1 : 0.2	N/A	662.73	58.41	1,756.00	4.40	05-Jun-20	Last trading day of June, Dec
BKD-W2		0.14	0	2.76	3.05	3.97	1 : 1.00731	N/A	49.31	11.67	358.73	19.86	30-Nov-22	Last trading day of Nov
BM-W1		0.15	0.01	2	0.76	4.00	1 : 1	N/A	107.50	43.36	110.00	13.33	14-Aug-20	16 Aug 2020
BROOK-W5		0.18	0.11	0.43	2.52	0.25	1 : 1	67.54	0.00	37.86	1,407.38	2.39	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W4	SP	3.04	3.14	13.6	0.05	10.38	1 : 1.011	-3.3	-1.31	21.89	416.70	4.52	30-Nov-19	Last trading day of Mar, June, Sept, Dec
B-W3		0.01	0	0.29	1.13	4.99	1 : 0.12024	N/A	195.29	89.22	3,437.23	3.49	28-Dec-20	30 of Nov
B-W4		0.05	0.05	0.29	1.64	0.92	1 : 1.3087	-1.03	306.87	89.22	96.85	7.59	01-Jul-21	Last trading day of June, Dec
B-W5		0.07	0.08	0.29	1.34	0.35	1 : 1	-16.63	44.83	89.22	290.56	4.14	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4		0.12	0	0.94	1.62	2.75	1 : 1	N/A	205.32	23.22	1,652.87	7.83	26-Jun-21	Last trading day of June, Dec
CGH-W3		0.02	0	0.85	1.55	2.00	1 : 1	N/A	137.65	33.65	1,445.62	42.50	28-May-21	Last trading day of May,Nov
CHEWA-W1	SP	0.01	0	0.64	0.05	1.75	1 : 1	N/A	175.00	31.85	467.34	64.00	28-Nov-19	28 Dec 18, 28 Jun 19, 27 Nov 19
CHO-W2		0.09	0.04	0.76	1.14	0.86	1 : 1	102.84	25.00	29.17	649.42	8.44	30-Dec-20	Last trading day of June, Dec
CI-W1		0.07	0	0.93	0.55	2.16	1 : 1.0172	N/A	142.50	26.83	98.86	13.51	29-May-20	Last trading day of May,Nov
CKP-W1		0.86	0.57	6.1	0.55	6.00	1 : 1.0007	51.4	12.47	31.61	1,111.15	7.10	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1		0.97	0.1	1.95	0.64	3.00	1 : 1	853.05	103.59	57.64	60.63	2.01	02-Jul-20	15th of Jan, Jul
DCC-W1		0.65	0.54	1.93	1.49	1.15	1 : 1	20.39	-6.74	19.22	1,907.75	2.97	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1		0.92	1.05	9.45	1.65	15.75	1 : 1	-12.22	76.40	66.49	182.22	10.27	07-Jul-21	Last trading day of May,Nov

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	Market	Black Scholes											
ECF-W3	0.78	0	2.16	1.28	5.00	1 : 1.0008	N/A	167.53	23.94	129.95	2.77	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.33	0.04	1.32	1.24	1.85	1 : 1	649.77	65.15	33.39	554.43	4.00	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0	0.04	0.56	0.60	1 : 1	N/A	1425.00	228.88	1,377.16	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0.01	0.04	0.56	0.50	1 : 1	N/A	1175.00	228.88	772.51	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	0	0.04	0.68	1.00	1 : 2.32054	N/A	5627.31	228.12	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.04	0.04	1.60	1.00	1 : 2.32054	-50.94	5685.32	228.12	16.42	4.64	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.06	0.04	0.13	3.93	0.15	1 : 1	58.2	61.54	59.65	4,216.75	2.17	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.63	0.26	3.84	1.10	4.83	1 : 1.0361	141.04	43.60	38.43	85.54	6.32	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.18	0	0.43	0.62	0.96	1 : 1.04545	N/A	171.89	52.78	138.79	2.50	26-Jun-20	Last Trading of June
GJS-W3	0.01	0	0.13	0.24	0.17	1 : 0.5	N/A	18.00	85.91	3,674.43	6.50	07-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.36	0.3	0.88	2.19	0.50	1 : 1	19.91	-2.27	27.29	749.60	2.44	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.27	0.18	0.64	1.56	0.50	1 : 1	51.92	20.31	41.66	110.50	2.37	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.42	0.03	2.98	1.53	5.00	1 : 1	1455.34	81.88	27.14	249.99	7.10	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	1.89	1.59	5.05	0.65	3.61	1 : 1.192	18.62	10.50	67.95	1,294.92	3.18	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.18	0	1.14	0.64	3.50	1 : 1	N/A	222.81	64.06	241.12	6.33	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	0.68	0	6	0.50	15.00	1 : 1	N/A	161.33	38.52	108.00	8.82	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	4.36	3.47	20.7	1.79	18.62	1 : 1.02031	25.81	11.25	33.79	222.00	4.84	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.35	0.01	0.94	2.58	2.00	1 : 1	N/A	150.00	25.58	156.48	2.69	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	1.03	0.31	4.82	2.45	4.00	2 : 1	229.35	4.36	34.56	157.10	4.68	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.17	0.02	1.29	1.79	2.10	1 : 1	697.4	75.97	28.59	1,375.54	7.59	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.12	0.04	1.45	1.04	3.50	1 : 1	182.29	149.66	58.68	91.07	12.08	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W3	0.01	N/A	0.81	0.11	2.73	1 : 1.099	N/A	262.13	43.52	625.70	89.02	21-Dec-19	Last trading day of June, Dec
MILL-W4	0.05	0.03	0.81	2.67	2.00	1 : 1.099	44.78	168.65	43.52	405.44	17.80	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.03	0	0.81	0.66	1.75	1 : 1.03	N/A	123.09	43.52	905.04	27.81	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	3.72	3.23	37.25	1.89	43.00	1 : 1	15.26	25.42	24.72	230.88	10.01	30-Sep-21	15th of Feb, May, Aug, Nov

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NCL-W3	0.01	N/A	1.06	0.07	2.40	1 : 1.5	N/A	191.04	31.77	64.88	159.00	07-Dec-19	28 Jun 19, 6 Dec 19
NEWS-W6	0.01	0.01	0.01	1.59	0.02	1 : 1	N/A	160.00	398.38	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	1.12	0.43	2.44	2.09	6.48	1 : 1.00255	161.41	212.16	80.76	108.78	2.18	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.10	N/A	2.14	0.55	3.19	1 : 1.5695	N/A	84.03	22.80	127.75	33.59	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3	0.05	0	0.32	0.27	1.00	1 : 1	N/A	228.13	39.96	693.94	6.40	18-Feb-20	Last trading day of May,Nov
NVD-W1	0.13	0	1.96	1.68	7.86	1 : 1.018	N/A	313.19	30.26	276.12	15.35	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.39	0.21	1.11	2.26	1.00	1 : 1	89.72	25.23	34.02	603.22	2.85	13-Feb-22	13 Feb 2022
ORI-W1	0.62	0.06	7	0.89	13.33	1 : 1	965.63	99.33	42.06	609.86	11.29	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.04	0.1	3.28	2.00	1 : 1	-46.58	1920.00	144.60	2,460.22	5.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.08	0.06	0.1	2.80	0.25	1 : 1	29.38	230.00	144.60	1,167.36	1.25	29-Aug-22	29 Nov 19
PDI-W1	0.58	0	7.7	1.51	33.00	1 : 1	N/A	336.10	28.73	75.33	13.28	14-May-21	15 May, 15 Nov
PDJ-W3	0.50	0.52	1.54	0.24	1.00	1 : 1	-3.53	-2.60	23.55	25.59	3.08	07-Feb-20	7 Feb 20
PDJ-W4	0.52	0.52	1.54	1.24	1.00	1 : 1	-0.52	-1.30	23.55	51.19	2.96	07-Feb-21	7 Feb 21
PERM-W1	0.23	0.17	1	2.60	1.80	1 : 1	34.67	103.00	60.84	250.00	4.35	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.84	0.08	2.42	2.54	5.91	1 : 1.09999	969.31	196.78	40.94	46.00	3.17	27-May-22	Last trading day of June, Dec
PPPM-W4	0.25	0.48	0.74	4.72	1.00	1 : 1	-47.79	68.92	140.57	228.85	2.96	31-Jul-24	Last trading day of Oct
PRIME-W1	0.03	0	0.38	1.12	1.08	1 : 1.3946	N/A	266.15	64.40	347.00	17.66	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.03	0	0.38	1.12	1.53	1 : 1.3095	N/A	405.70	64.40	261.75	16.59	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.38	0.19	1.5	0.65	1.53	1 : 1.174	97.44	32.32	40.90	31.68	4.63	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.04	N/A	1	0.64	2.25	1 : 1.22449	N/A	157.47	18.52	157.08	30.61	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	3.02	2.91	15.6	0.53	12.44	1 : 1.0047	3.73	-0.89	35.12	187.52	5.19	23-May-20	Last trading day of Apr, Oct
SAMART-W2	0.55	0.07	7.4	1.52	14.80	1 : 1.014	732.43	108.94	33.64	335.43	13.64	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.13	0.03	0.92	0.97	1.00	1 : 1	313.31	22.83	20.01	93.41	7.08	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	18.60	20.3	64.25	0.55	48.48	1 : 1.237	-8.38	5.44	34.24	39.95	4.27	29-May-20	Last trading day of May,Nov
SDC-W1	0.11	0.02	0.21	3.56	0.50	1 : 1	340.1	190.48	47.45	1,731.04	1.91	01-Jun-23	Last trading day of June, Dec

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SIMAT-W2	0.13	N/A	1.53	0.52	13.32	1 : 1.1261	N/A	877.33	22.99	37.81	13.25	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.18	N/A	1.53	5.52	26.64	1 : 1.1261	N/A	1861.38	22.99	37.81	9.57	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.57	0.54	1.53	1.66	1.00	1 : 1	5.16	2.61	22.99	43.69	2.68	08-Jul-21	9 Jul 2021
SINGER-W1	2.28	1.32	6.75	1.45	7.00	1 : 1	73.12	37.48	47.15	65.75	2.96	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.72	0.9	6.75	3.44	14.00	1 : 1	90.76	132.89	47.15	65.75	3.92	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMART-W2	0.19	0.06	0.97	1.89	1.50	1 : 1	221.51	74.23	35.67	92.00	5.11	01-Oct-21	Last Trading Day of May 20, Nov 20, May 21 an
SMT-W2	0.12	0	1.01	0.55	2.10	1 : 1	N/A	119.80	29.72	209.12	8.42	29-May-20	Last trading day of Mar, Sept, Dec
SST-W2	1.05	0	4.48	1.89	10.00	1 : 1	N/A	146.65	22.35	30.39	4.27	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.29	0.19	3.04	0.28	4.00	1 : 1	51.79	41.12	88.10	135.45	10.48	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.02	0	0.6	0.81	2.50	1 : 1	N/A	320.00	38.54	5,469.68	30.00	31-Aug-20	Last trading day of Feb, May, Aug, Nov
SVI-W3	0.72	0.94	5.2	0.37	4.44	1 : 1	-23.49	-0.77	39.45	30.00	7.22	26-Mar-20	15 of Jul
SWC-W1	2.84	0.63	3.88	2.41	1.00	1 : 1	350	-1.03	36.33	143.32	1.37	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.05	0	0.42	1.22	1.88	1 : 1.07	N/A	384.69	37.42	400.00	8.99	28-Jan-21	Last trading day of Dec
TCC-W3	0.05	0	0.22	2.39	0.81	1 : 1.23886	N/A	358.71	47.94	92.20	5.45	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.05	0.01	0.22	3.51	0.90	1 : 1.10801	N/A	369.17	47.94	369.34	4.88	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.14	0.08	0.22	8.54	0.50	1 : 1	81.22	190.91	47.94	98.41	1.57	24-May-28	Last trading day of Jul
TCJ-W2	0.21	N/A	3.92	0.57	9.80	1 : 1.02	N/A	158.57	27.20	31.53	19.04	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TCMC-W2	SP	N/A	2.24	0.05	4.00	1 : 1	N/A	79.02	36.84	254.40	224.00	30-Nov-19	Last trading day of Mar, Sept
TFG-W2	0.59	0	4.04	0.52	9.50	1 : 1	N/A	149.75	48.29	510.81	6.85	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.08	3.86	0.50	1 : 1	-57.15	537.50	105.58	1,944.51	8.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.44	0.43	3.50	4 : 1	N/A	143.75	34.16	2,191.76	144.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.07	0	0.62	0.60	1.00	1 : 1	N/A	72.58	38.09	321.67	8.86	16-Jun-20	Last Trading of June
TNITY-W1	0.30	0	3.7	1.35	5.00	1 : 1	N/A	43.24	15.79	97.28	12.33	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.11	0.06	0.29	1.55	0.25	1 : 1.00027	73.94	24.12	36.07	1,606.61	2.64	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.66	0.07	7.35	1.63	18.00	1 : 1	858.83	153.88	38.25	112.00	11.14	28-Jun-21	Last trading day of June, Dec

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	Market	Black Scholes											
TVD-W2	0.24	0.11	1.09	1.39	1.00	1 : 1.002	124.51	13.61	25.88	162.48	4.55	02-Apr-21	Last trading day of June, Dec
TWZ-W5	0.01	0	0.07	0.22	0.10	1 : 1	N/A	57.14	102.60	2,289.87	7.00	31-Jan-20	30 Jan 20
UAC-W2	0.28	0	2.9	0.64	5.55	1 : 1	N/A	101.03	15.97	66.76	10.36	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.14	0.01	0.4	0.34	0.50	1 : 1	1236.43	60.00	43.77	103.01	2.86	14-Mar-20	Last trading day of May,Nov
U-W4	0.01	0	2.02	3.34	6.00	1 : 0.01	N/A	1.98	40.87	141,895.49	2.02	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.94	1.62	10	2.84	10.00	1 : 1	19.53	19.40	26.07	1,661.33	5.15	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.84	0.8	1.83	0.59	1.00	1 : 1.00086	4.49	0.49	21.01	361.66	2.18	14-Jun-20	30th of Sep
VIBHA-W3	0.20	0.03	1.83	2.59	3.00	1 : 1.00086	683.58	74.76	21.01	1,011.62	9.16	14-Jun-22	30 Sep of each year
WAVE-W1	0.17	0	1.68	0.49	6.00	1 : 1	N/A	267.26	41.03	42.12	9.88	08-May-20	Last trading day of June, Dec
WHA-W1	12.60	13.12	4.7	0.31	3.42	1 : 10.2396	-3.98	2465.80	18.85	79.06	3.82	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.14	0	1.12	2.15	4.22	1 : 1.185	N/A	342.91	35.96	124.97	9.48	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.10	N/A	0.76	4.44	2.70	1 : 2	N/A	536.84	29.72	413.03	15.20	17-Apr-24	Last trading day of Mar, June, Sept, Dec