

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	0.11	0.21	0.51	2.80		1 : 1	-48.24		79.45	605.92	4.64	08-Aug-22	Last Trading of June
AJA-W1	0.01	N/A	0.18	0.08	1.53	1 : 1.30972	N/A	987.38	64.27	749.96	23.57	21-Nov-19	Last trading day of Mar, Sept
AKR-W1	0.13	0.03	0.72	1.61	1.00	1 : 1	317.47	56.94	31.21	671.57	5.54	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.47	0.07	2.26	1.16	3.00	1 : 1	621.01	53.54	26.83	230.98	4.81	18-Dec-20	15th of Mar,Sept
APEX-W1	0.02	0.02	0.16	1.69	0.40	1 : 1	24.38	162.50	69.00	499.97	8.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.07	0.35	0.78	1.62		1 : 1	-80.26		42.96	95.83	11.14	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.04	0	0.81	0.56	2.00	1 : 1	N/A	151.85	44.96	102.47	20.25	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	2.84	3.04	40	0.55	39.00	1 : 1	-6.6	4.60	26.27	78.56	14.08	08-May-20	15th of Jun, Dec
B52-W2	0.01	0	0.22	0.62	7.50	1 : 0.2	N/A	662.73	54.01	1,756.00	4.40	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.14	0	2.82	3.11	3.97	1 : 1.00731	N/A	46.11	9.93	358.73	20.29	30-Nov-22	Last trading day of Nov
BM-W1	0.15	0.01	2.06	0.82	4.00	1 : 1	906.53	101.46	43.43	110.00	13.73	14-Aug-20	16 Aug 2020
BROOK-W5	0.19	0.12	0.45	2.58	0.25	1 : 1	52.82	-2.22	42.06	1,407.38	2.37	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W4	3.08	3.14	13.6	0.11	10.38	1 : 1.011	-1.88	-1.01	21.99	416.70	4.46	29-Nov-19	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.28	1.19	4.99	1 : 0.12024	N/A	202.69	85.52	3,437.23	3.37	28-Dec-20	30 of Nov
B-W4	0.05	0.04	0.28	1.70	0.92	1 : 1.3087	17	322.50	85.52	96.85	7.33	01-Jul-21	Last trading day of June, Dec
B-W5	0.07	0.08	0.28	1.40	0.35	1 : 1	-8.16	50.00	85.52	290.56	4.00	15-Mar-21	Last trading day of Jan, Apr, Jul, Oct
CGD-W4	0.11	0	0.97	1.68	2.75	1 : 1	N/A	194.85	22.68	1,652.87	8.82	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.03	0	0.84	1.60	2.00	1 : 1	N/A	141.67	32.55	1,445.62	28.00	28-May-21	Last trading day of May,Nov
CHEWA-W1	0.01	N/A	0.65	0.10	1.75	1 : 1	N/A	170.77	31.58	467.34	65.00	28-Nov-19	28 Dec 18, 28 Jun 19, 27 Nov 19
CHO-W2	0.08	0.06	0.8	1.19	0.86	1 : 1	29.39	17.50	29.83	649.42	10.00	30-Dec-20	Last trading day of June, Dec
CI-W1	0.08	0	0.9	0.61	2.16	1 : 1.0172	N/A	151.77	27.52	98.86	11.44	29-May-20	Last trading day of May,Nov
CKP-W1	0.94	0.57	6.05	0.60	6.00	1 : 1.0007	65.99	14.72	30.87	1,111.15	6.44	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	0.87	0.18	1.97	0.70	3.00	1 : 1	373.75	96.45	69.07	60.63	2.26	02-Jul-20	15th of Jan, Jul
DCC-W1	0.68	0.57	1.97	1.55	1.15	1 : 1	19.34	-7.11	20.84	1,907.75	2.90	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	0.94	0.93	9.3	1.71	15.75	1 : 1	0.89	79.46	63.07	182.22	9.89	07-Jul-21	Last trading day of May,Nov

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ECF-W3	0.97	0	2.3	1.34	5.00	1 : 1.0008	N/A	159.51	23.23	129.95	2.37	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.45	0.08	1.49	1.30	1.85	1 : 1	481.7	54.36	31.99	554.43	3.31	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0.01	0.04	0.61	0.60	1 : 1	N/A	1425.00	229.26	1,377.16	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0.01	0.04	0.61	0.50	1 : 1	N/A	1175.00	229.26	772.51	4.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	0.01	0.04	0.74	1.00	1 : 2.32054	N/A	5627.31	227.68	190.75	9.28	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.02	0.04	0.04	1.65	1.00	1 : 2.32054	-53.17	5685.32	227.68	16.42	4.64	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.08	0.06	0.17	3.99	0.15	1 : 1	43.5	35.29	55.76	4,216.75	2.13	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.73	0.27	3.82	1.16	4.83	1 : 1.0361	173.53	47.08	38.22	85.54	5.42	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.21	0.01	0.47	0.68	0.96	1 : 1.04545	N/A	155.04	53.34	138.79	2.34	26-Jun-20	Last Trading of June
GJS-W3	0.01	0	0.13	0.30	0.17	1 : 0.5	N/A	18.00	87.81	3,674.43	6.50	07-Feb-20	Last trading day of June, Dec
GLOCON-W4	0.47	0.38	1	2.25	0.50	1 : 1	22.39	-3.00	26.45	749.60	2.13	20-Jan-22	Last trading day of Mar, June, Sept, Dec
HPT-W1	0.34	0.18	0.64	1.62	0.50	1 : 1	92.48	31.25	40.23	110.50	1.88	04-Jun-21	Last trading day of June, Dec
ITEL-W1	0.46	0.04	3.14	1.59	5.00	1 : 1	1186.63	73.89	25.17	249.99	6.83	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	3.16	2.58	6.4	0.71	3.61	1 : 1.192	22.3	6.80	41.13	1,294.92	2.41	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.14	0	0.91	0.69	3.50	1 : 1	N/A	300.00	33.49	241.12	6.50	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	1.53	0	6.3	0.55	15.00	1 : 1	N/A	162.38	37.02	108.00	4.12	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	3.66	2.94	19.5	1.85	18.62	1 : 1.02031	24.42	14.56	34.79	222.00	5.44	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.36	0.01	0.96	2.64	2.00	1 : 1	2422.22	145.83	27.46	156.48	2.67	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	0.99	0.35	4.98	2.51	4.00	2 : 1	186.65	0.20	33.84	157.10	5.03	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.28	0.01	1.41	1.85	2.10	1 : 1	2105.53	68.79	20.59	1,375.54	5.04	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.13	0	1.32	1.10	3.50	1 : 1	N/A	175.00	29.97	91.07	10.15	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W3	0.01	N/A	0.83	0.17	2.73	1 : 1.099	N/A	253.17	44.81	625.70	91.22	21-Dec-19	Last trading day of June, Dec
MILL-W4	0.05	0.04	0.83	2.72	2.00	1 : 1.099	13.57	161.94	44.81	405.44	18.24	11-Jul-22	Last trading day of Mar, June, Sept, Dec
MILL-W5	0.03	0	0.83	0.72	1.75	1 : 1.03	N/A	117.64	44.81	905.04	28.50	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	3.66	2.73	36	1.95	43.00	1 : 1	33.85	29.61	24.29	230.88	9.84	30-Sep-21	15th of Feb, May, Aug, Nov

Monday, October 21, 2019

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NCL-W3	0.01	N/A	1.02	0.13	2.40	1 : 1.5	N/A	204.41	32.81	64.88	153.00	06-Dec-19	28 Jun 19, 6 Dec 19
NEWS-W6	0.01	0.01	0.01	1.64	0.02	1 : 1	N/A	160.00	401.63	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	1.61	0.7	3.3	2.15	6.48	1 : 1.00255	130.18	145.63	74.35	108.78	2.05	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.14	N/A	2.24	0.61	3.19	1 : 1.5695	N/A	76.07	19.26	127.75	25.11	29-May-20	Last trading day of Mar, June, Sept, Dec
NUSA-W3	0.05	0	0.35	0.33	1.00	1 : 1	N/A	200.00	40.15	693.94	7.00	18-Feb-20	Last trading day of May,Nov
NVD-W1	0.12	0	1.87	1.73	7.86	1 : 1.018	N/A	332.62	29.49	276.12	15.86	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.34	0.21	1.1	2.32	1.00	1 : 1	64.81	21.82	35.14	603.22	3.24	13-Feb-22	13 Feb 2022
ORI-W1	0.83	0.09	7.55	0.95	13.33	1 : 1	776.25	87.59	41.95	609.86	9.10	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.01	0.08	3.34	2.00	1 : 1	N/A	2425.00	104.76	2,460.22	4.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PACE-W3	0.08	0.03	0.08	2.86	0.25	1 : 1	160.67	312.50	104.76	1,167.36	1.00	29-Aug-22	29 Nov 19
PDI-W1	0.64	0	7.8	1.56	33.00	1 : 1	N/A	331.28	29.06	75.33	12.19	14-May-21	15 May, 15 Nov
PDJ-W3	0.52	0.61	1.63	0.30	1.00	1 : 1	-14.08	-6.75	26.60	25.59	3.13	07-Feb-20	7 Feb 20
PDJ-W4	0.60	0.61	1.63	1.30	1.00	1 : 1	-1.07	-1.84	26.60	51.19	2.72	07-Feb-21	7 Feb 21
PERM-W1	0.25	0.19	1.03	2.66	1.80	1 : 1	32.68	99.03	61.46	250.00	4.12	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	0.88	0.19	3.1	2.60	5.91	1 : 1.09999	352.99	130.90	39.22	46.00	3.87	27-May-22	Last trading day of June, Dec
PPPM-W4	0.36	0.56	0.85	4.78	1.00	1 : 1	-35.51	60.00	140.91	228.85	2.36	31-Jul-24	Last trading day of Oct
PRIME-W1	0.05	0.01	0.38	1.17	1.08	1 : 1.3946	N/A	273.49	65.12	347.00	10.60	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.02	0	0.38	1.17	1.53	1 : 1.3095	N/A	402.26	65.12	261.75	24.88	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.44	0.18	1.48	0.71	1.53	1 : 1.174	143.59	39.11	39.19	31.68	3.95	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.04	N/A	1.02	0.70	2.25	1 : 1.22449	N/A	151.98	24.09	157.08	31.22	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	4.06	3.04	15.7	0.59	12.44	1 : 1.0047	33.56	5.13	35.19	187.52	3.89	23-May-20	Last trading day of Apr, Oct
SAMART-W2	0.67	0.12	8.05	1.57	14.80	1 : 1.014	437.61	93.46	33.50	335.43	12.18	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21
SANKO-W1	0.14	0.03	0.94	1.03	1.00	1 : 1	303.99	21.28	18.35	93.41	6.71	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	12.50	19	62.75	0.61	48.48	1 : 1.237	-34.21	-3.50	35.73	39.95	6.21	29-May-20	Last trading day of May,Nov
SDC-W1	0.11	0.02	0.21	3.61	0.50	1 : 1	391.33	190.48	45.27	1,731.04	1.91	01-Jun-23	Last trading day of June, Dec

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	Market	Black Scholes											
SIMAT-W2	0.17	N/A	1.61	0.58	13.32	1 : 1.1261	N/A	830.94	34.10	37.81	10.66	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.23	0	1.61	5.58	26.64	1 : 1.1261	N/A	1766.79	34.10	37.81	7.88	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.63	0.64	1.61	1.72	1.00	1 : 1	-1.13	1.24	34.10	43.69	2.56	08-Jul-21	9 Jul 2021
SINGER-W1	2.46	1.6	7.25	1.51	7.00	1 : 1	54.07	30.48	46.39	65.75	2.95	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	1.77	1.08	7.25	3.50	14.00	1 : 1	64.18	117.52	46.39	65.75	4.10	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMT-W2	0.16	0	1.25	0.61	2.10	1 : 1	N/A	80.80	27.70	209.12	7.81	29-May-20	Last trading day of Mar, Sept, Dec
SST-W2	1.23	0	4.62	1.95	10.00	1 : 1	N/A	143.07	21.75	30.39	3.76	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.36	0.26	3.18	0.34	4.00	1 : 1	37.63	37.11	87.92	135.45	8.83	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.03	0	0.61	0.86	2.50	1 : 1	N/A	314.75	39.98	5,469.68	20.33	31-Aug-20	Last trading day of Feb, May, Aug, Nov
SVI-W3	0.75	0.56	4.66	0.43	4.44	1 : 1	33.08	11.37	37.84	31.00	6.21	26-Mar-20	15 of Jul
SWC-W1	2.84	0.65	3.98	2.47	1.00	1 : 1	338.73	-3.52	42.00	149.99	1.40	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.06	0	0.48	1.27	1.88	1 : 1.07	N/A	325.46	34.59	400.00	8.56	28-Jan-21	Last trading day of Dec
TCC-W3	0.06	0	0.24	2.45	0.81	1 : 1.23886	N/A	323.65	45.51	92.20	4.96	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.05	0.01	0.24	3.56	0.90	1 : 1.10801	390.6	329.17	45.51	369.34	5.32	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.15	0.08	0.24	8.60	0.50	1 : 1	80.43	170.83	45.51	98.41	1.60	24-May-28	Last trading day of Jul
TCJ-W2	0.24	0	4.6	0.62	9.80	1 : 1.02	N/A	120.71	23.11	31.53	19.55	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TCMC-W2	0.01	0	2.16	0.11	4.00	1 : 1	N/A	85.65	36.59	254.40	216.00	30-Nov-19	Last trading day of Mar, Sept
TFG-W2	0.68	0.01	4.22	0.58	9.50	1 : 1	N/A	141.23	47.61	510.81	6.21	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.01	0.02	0.08	3.92	0.50	1 : 1	-53.65	537.50	100.82	1,944.51	8.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	1.49	0.49	3.50	4 : 1	N/A	135.57	34.88	2,191.76	149.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.08	0.01	0.63	0.65	1.00	1 : 1	N/A	71.43	37.23	321.67	7.88	16-Jun-20	Last Trading of June
TNITY-W1	0.35	0.01	3.9	1.41	5.00	1 : 1	N/A	37.18	14.38	97.28	11.14	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.10	0.07	0.3	1.61	0.25	1 : 1.00027	41.81	16.65	35.81	1,606.61	3.00	29-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.66	0.09	7.2	1.69	18.00	1 : 1	667.43	159.17	38.79	112.00	10.91	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.27	0.14	1.16	1.45	1.00	1 : 1.002	91.41	9.33	25.56	162.48	4.30	02-Apr-21	Last trading day of June, Dec

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	Market	Black Scholes											
TWZ-W5	0.01	0	0.07	0.28	0.10	1 : 1	N/A	57.14	93.75	2,289.87	7.00	31-Jan-20	30 Jan 20
UAC-W2	0.44	0	2.98	0.69	5.55	1 : 1	N/A	101.01	15.42	66.76	6.77	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.19	0.02	0.45	0.40	0.50	1 : 1	788.07	53.33	36.43	103.01	2.37	14-Mar-20	Last trading day of May,Nov
U-W1	SP	N/A	1.97	0.05	6.00	1 : 0.01	N/A	2.05	41.78	180,628.31	1.97	07-Nov-19	Last trading day of Mar, June, Sept, Dec
U-W4	0.01	0	1.97	3.40	6.00	1 : 0.01	N/A	2.05	41.78	141,895.49	1.97	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.92	1.6	9.9	2.89	10.00	1 : 1	19.72	20.40	26.64	1,661.33	5.16	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	0.91	0.85	1.88	0.65	1.00	1 : 1.00086	6.8	1.54	21.13	361.66	2.07	14-Jun-20	30th of Sep
VIBHA-W3	0.21	0.03	1.88	2.65	3.00	1 : 1.00086	580.57	70.65	21.13	1,011.62	8.96	14-Jun-22	30 Sep of each year
WAVE-W1	0.25	0	1.71	0.55	6.00	1 : 1	N/A	265.50	41.06	42.12	6.84	08-May-20	Last trading day of June, Dec
WHA-W1	13.10	13.95	4.78	0.37	3.42	1 : 10.2396	-6.08	2514.51	18.86	79.06	3.74	04-Mar-20	25 of Jun, Dec
WIK-W2	0.09	N/A	0.97	2.20	4.22	1 : 1.185	N/A	408.15	29.42	124.97	12.77	02-Jan-22	Last Business Day of December of each year.
ZMICO-W4	0.10	N/A	0.85	4.49	2.70	1 : 2	N/A	458.82	27.88	413.03	17.00	17-Apr-24	Last trading day of Mar, June, Sept, Dec