

FIS FFA Options Report

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Monday 7th November 2022

Weekly Options Summary

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A very busy week in the Capes with a decent amount of volume going through and a Cal 24+25 Collar going through in the Panamaxs.

Unfortunately the Supramax were unable to continue the interest and suffered a bore draw.

CAPE SIZE: Very busy week in the Cape Options market.

We started the week with seeing the Q1 9k calls being sold at \$750 and \$800 along with the 17k @ \$300. If you were to look up the term “Pessimistic” in the Oxford English dictionary right now then “Cape Q1 prices” is certainly a term you would see. People are however looking to find the floor as the Q1 5/9k Collar traded \$300 for the put. People thinking that a collar that won’t lose you money unless the market goes below \$4700 is now looking like a good trade. Can it go below \$4700?

The rest of 2023 however is telling a different story. The Q2 10/15/20 Call fly was purchased in over 12 fulls. Some on their own outright and others being financed via selling the 6k puts. The Cape Q2 10/15/20k C fly vs 6k P x9950 traded \$50 (basically selling the 6000 put paid to own the 10/15/20k call fly). Another trade saw people selling put on the Cape Q2 7/21k Collar x9750 @ \$450 150dpm. Definitely bottom picking.

All structures traded close enough to our valuations that no volatility changes will be made.

PANAMAX: Pretty quiet week on the Panamax side although a very interesting trade was seen spanning Cal 24 and 25.

Cal 24+25 7,500/18,000 Collar x10,500 trades \$350 45dpm. Vol and skews are adjusted accordingly.

SUPRAMAX: Nothing trades, nothing to report and no sheet changes made.



Overview

C

P

S

Capes—Looking for a bounce
SMX—very quiet

Buy Cal 23 upside

Sell Vol and collect theta

Capesize — Options Curves

Parameters									
Term	FUTS	S.D.	-0.50	-0.25	-0.10	0.00	0.10	0.25	0.50
Nov 22	11,000	1,039	9.90	7.70	4.40	150.00	-2.20	-3.30	-3.30
Dec 22	10,875	959	9.00	7.00	4.00	140.00	-2.00	-3.00	-3.50
Jan 23	6,625	563	7.20	5.60	3.20	135.00	-1.60	-2.40	-2.80
Feb 23	5,250	446	7.20	5.60	3.20	135.00	-1.60	-2.40	-2.80
Q1 23	6,100	519	7.20	5.60	3.20	135.00	-1.60	-2.40	-2.80
Q2 23	10,100	668	4.32	3.36	1.92	105.00	-1.30	-2.30	-2.60
Q3 23	15,800	697	2.50	2.00	1.40	70.00	-1.30	-2.30	-3.00
Cal 23	11,725	702	4.13	3.24	1.98	95.00	-1.38	-2.33	-2.85
Cal 24	12,600	397	2.50	2.00	1.20	50.00	-1.30	-2.30	-3.00

Weekly Trades									
Date	Trade	Price	Delta	Gamma	Theta	Vega	Rho	Epsilon	
Fri 04 Nov	Cape Mar 7/12k CS x6750 trades 1200 30dpm	1200	0.27	0.00	0	0	-460	-0.3	
Wed 02 Nov	Cape Q2 7/21k Collar x9750 trades 450 150dpm	450	-0.46	-0.01	1	-3	-497	-1.0	
Wed 02 Nov	Cape 2H23 6k P x15250 trades 350 150dpm	350	-0.04	0.01	-2	14	409	-2.4	
Wed 02 Nov	Cape Q2 10/15/20k C fly x9950 trades 850 60dpm	850	0.07	-0.01	2	-5	-659	-1.7	
Wed 02 Nov	Cape Q1 7/11k CS x5950 trades 875 60dpm	875	0.54	0.09	-12	12	165	-1.2	
Wed 02 Nov	Cape Q2 10/15/20k C fly vs 6k P x9950 trades 50 300dpm	50	0.22	-0.04	9	-22	-931	-2.2	
Tue 01 Nov	Cape Q1 5/9k Collar x5850 trades 300 120dpm	300	-0.27	0.08	-10	10	102	-1.3	
Tue 01 Nov	Cape 2H23 10k P v 19/25k CS x15000 trades 250 60dpm	250	-0.33	0.02	-4	30	1215	-2.2	
Mon 31 Oct	Cape Q1 17k C x6000 trades 300 90dpm	300	0.12	0.05	-5	7	247	-1.2	
Mon 31 Oct	Cape Q1 9k C x6000 trades 800 30dpm	800	0.41	0.09	-11	12	299	-1.2	
Mon 31 Oct	Cape Q1 9k C x5750 trades 750 30dpm	750	0.38	0.09	-10	12	300	-1.1	

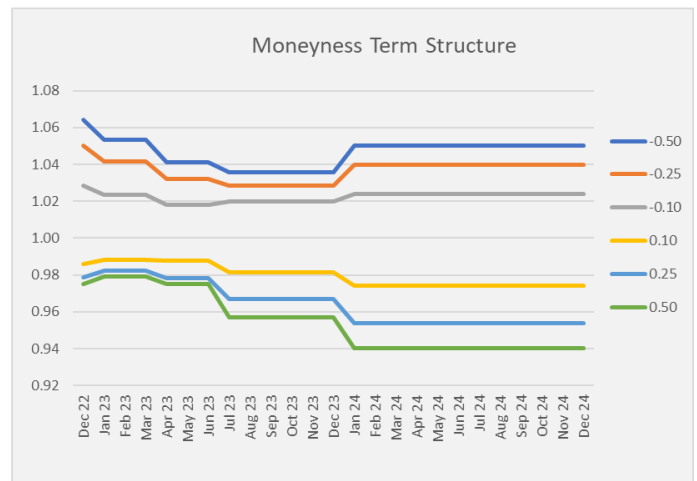
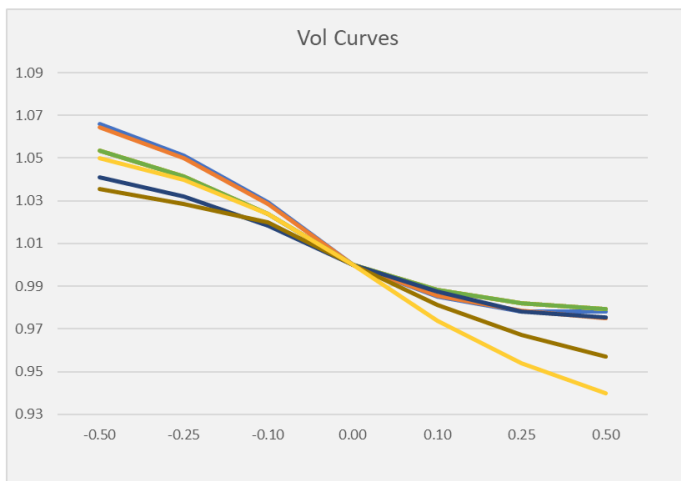
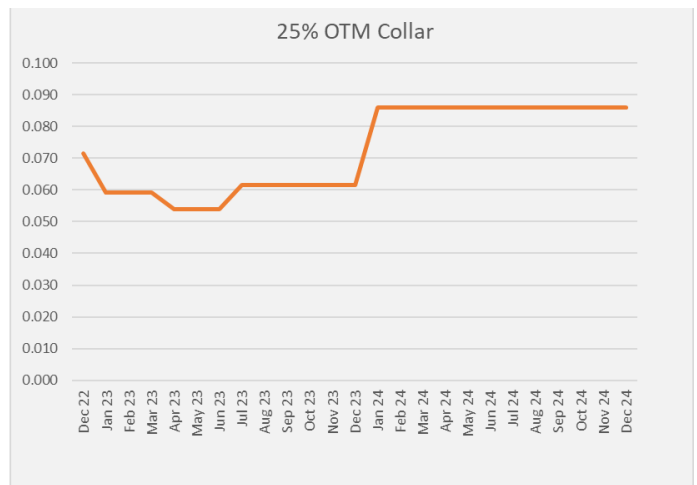
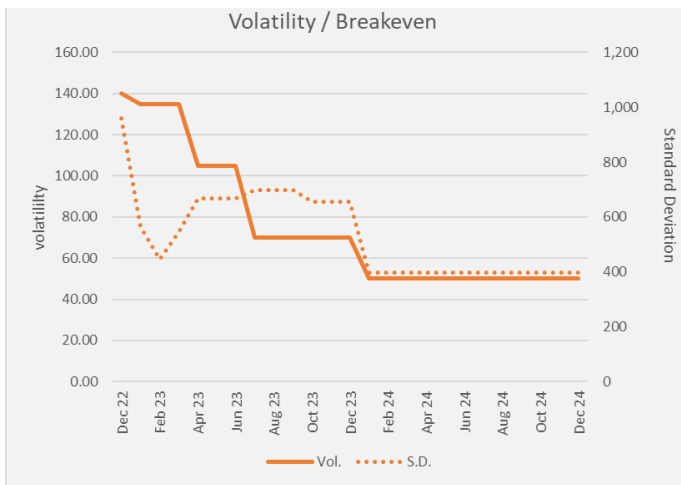


Chart sources: FIS

Panamax — Options Curves

Parameters									
Term	FUTS	S.D.	-0.50	-0.25	-0.10	0.00	0.10	0.25	0.50
Nov 22	13,375	708	3.00	1.90	0.90	84.00	-0.75	-1.00	-0.75
Dec 22	12,750	659	3.00	1.90	0.90	82.00	-0.75	-1.00	-0.75
Jan 23	10,700	458	3.00	1.90	0.90	68.00	-0.75	-1.00	-0.75
Q1 23	10,700	526	3.00	1.90	0.90	78.00	-0.75	-1.00	-0.75
Q2 23	12,250	455	2.25	1.70	0.85	59.00	-0.80	-1.25	-0.80
Q3 23	11,450	382	2.25	1.70	0.85	53.00	-0.80	-1.25	-0.80
Cal 23	11,275	414	2.40	1.75	0.86	58.25	-0.81	-1.25	-0.83
Cal 24	10,750	271	2.00	1.50	0.80	40.00	-1.00	-1.50	-1.30

Weekly Trades								
Date		Price	Delta	Gamma	Theta	Vega	Rho	Epsilon
Fri 04 Nov	Pmx Nov 14k Call x13600 trades 500 60dpm	500	0.41	0.20	-29	8	349	-1.4
Thu 03 Nov	Pmx 9/18k Collar x11500 trades 225 15dpm	225	-0.47	0.00	0	-2	-426	-0.2
Wed 02 Nov	Pmx C24+25 7.5/18k collar x10,500 trades 350 15dpm	350	-0.41	-0.01	0	-6	-794	-0.1
Wed 02 Nov	Pmx Nov 15k Call x14000 trades 300 30dpm	300	0.33	0.19	-39	9	393	-2.1
Mon 31 Oct	Pmx C24+25 7.5/18k collar x10,500 trades 350 30dpm	350	-0.41	-0.01	0	-6	-798	-0.2
Mon 31 Oct	Pmx Nov 12k Put x12700 trades 400 120dpm	400	-0.33	0.17	-43	9	392	-2.5

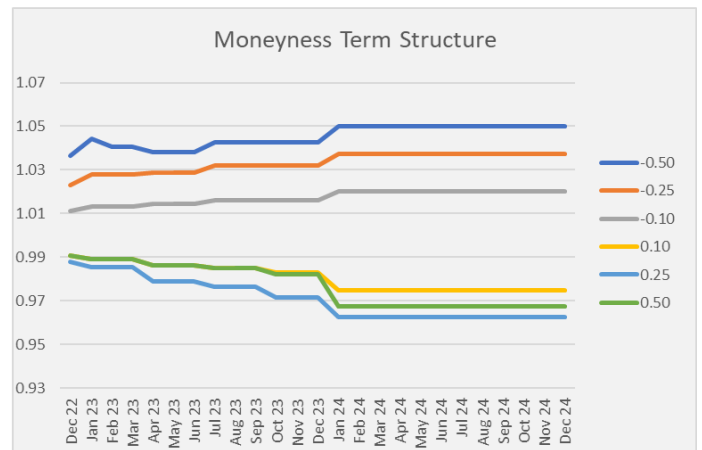
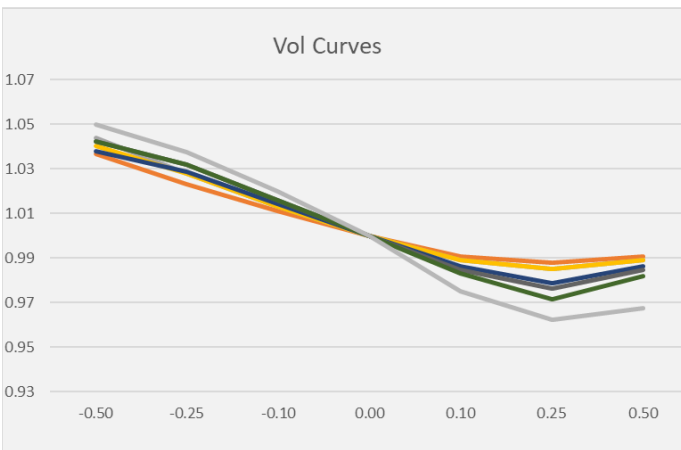
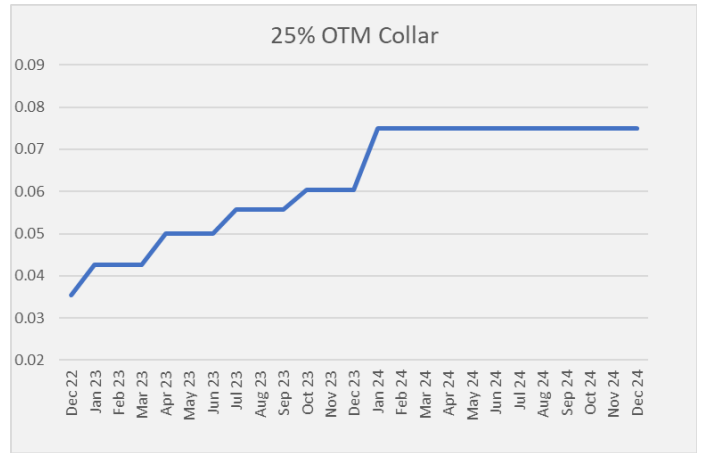
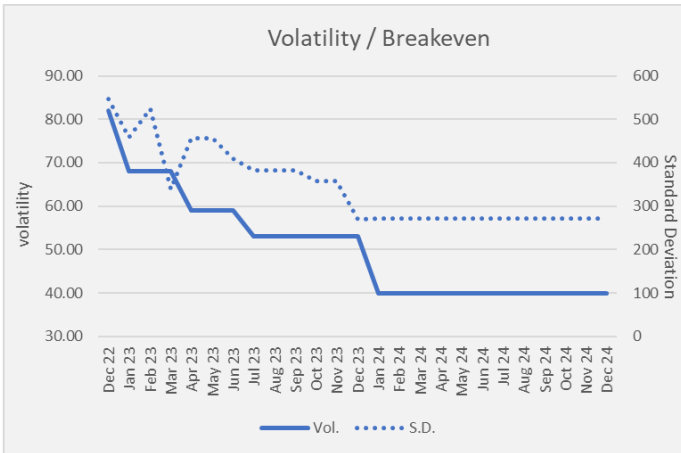


Chart sources: FIS

Panamax — Option Price Indications

Nov 22 13,375							Dec 22 12,750							Jan 23 10,700						
STRIKE	C	d	P	d	VOL	B.E.	STRIKE	C	d	P	d	VOL	B.E.	STRIKE	C	d	P	d	VOL	B.E.
1,500	12,193	73	0	0	0.99	94	1,500	11,188	99	0	(0)	0.93	88	1,500	9,110	99	0	(0)	0.76	72
3,000	10,534	85	0	(0)	0.98	184	3,000	9,696	99	0	(0)	0.92	174	3,000	7,625	99	0	(0)	0.75	142
4,500	9,038	85	0	(0)	0.96	271	4,500	8,204	99	0	(0)	0.90	256	4,500	6,142	99	2	(0)	0.74	210
6,000	7,542	85	0	(0)	0.94	355	6,000	6,714	99	1	(0)	0.89	337	6,000	4,688	97	34	(2)	0.73	275
7,500	6,047	85	0	(0)	0.92	435	7,500	5,237	98	16	(1)	0.88	414	7,500	3,343	89	174	(10)	0.71	338
9,000	4,551	85	0	(0)	0.90	511	9,000	3,827	93	97	(6)	0.86	489	9,000	2,212	76	529	(23)	0.70	398
10,500	3,060	85	5	(1)	0.88	584	10,500	2,580	82	343	(18)	0.85	561	10,500	1,346	58	1,148	(41)	0.68	452
12,000	1,657	75	98	(10)	0.86	654	12,000	1,588	64	843	(35)	0.83	630	12,000	762	40	2,049	(59)	0.67	507
13,500	621	46	557	(39)	0.84	712	13,500	881	45	1,627	(55)	0.81	690	13,500	424	26	3,196	(73)	0.67	572
15,000	152	17	1,584	(69)	0.83	786	15,000	465	28	2,703	(71)	0.81	767	15,000	230	16	4,488	(83)	0.68	638
16,500	26	4	2,954	(82)	0.84	869	16,500	235	16	3,964	(83)	0.82	848	16,500	123	9	5,867	(90)	0.68	705
18,000	3	1	4,427	(85)	0.84	953	18,000	114	9	5,335	(90)	0.82	928	18,000	66	5	7,294	(94)	0.68	772
19,500	0	0	5,920	(85)	0.84	1,038	19,500	54	5	6,767	(95)	0.82	1,009	19,500	35	3	8,749	(96)	0.68	840
21,000	0	0	7,415	(85)	0.85	1,123	21,000	25	2	8,230	(97)	0.82	1,091	21,000	19	2	10,218	(97)	0.69	909
22,500	0	0	8,911	(85)	0.85	1,209	22,500	12	1	9,708	(98)	0.83	1,174	22,500	10	1	11,695	(98)	0.69	978
24,000	0	0	10,406	(85)	0.86	1,296	24,000	5	1	11,193	(99)	0.83	1,257	24,000	6	1	13,175	(98)	0.69	1,047
25,500	0	0	11,902	(85)	0.86	1,384	25,500	3	0	12,682	(99)	0.83	1,340	25,500	3	0	14,658	(99)	0.70	1,117
27,000	0	0	13,398	(85)	0.87	1,472	27,000	1	0	14,172	(99)	0.84	1,424	27,000	2	0	16,142	(99)	0.70	1,188
28,500	0	0	14,894	(85)	0.87	1,562	28,500	1	0	15,663	(99)	0.84	1,509	28,500	1	0	17,627	(99)	0.70	1,259
30,000	0	0	16,389	(85)	0.87	1,652	30,000	0	0	17,155	(99)	0.84	1,595	30,000	1	0	19,112	(99)	0.70	1,330
Q1 23 10,700							Q2 23 12,250							Q3 23 11,450						
STRIKE	C	d	P	d	VOL	B.E.	P	C	d	P	d	VOL	B.E.	P	C	d	P	d	VOL	B.E.
1,500	9,081	99	0	(0)	0.75	71	1,500	10,501	98	0	(0)	0.63	59	1,500	9,619	97	0	(0)	0.56	53
3,000	7,602	99	1	(0)	0.74	139	3,000	9,037	98	1	(0)	0.62	118	3,000	8,172	97	3	(0)	0.56	106
4,500	6,141	98	21	(1)	0.73	206	4,500	7,586	97	16	(1)	0.62	176	4,500	6,757	95	39	(2)	0.56	158
6,000	4,749	94	109	(5)	0.72	272	6,000	6,194	94	89	(3)	0.62	233	6,000	5,439	91	171	(6)	0.55	209
7,500	3,501	85	341	(13)	0.71	335	7,500	4,922	89	282	(9)	0.61	289	7,500	4,278	84	460	(13)	0.55	260
9,000	2,455	73	776	(26)	0.70	395	9,000	3,819	80	645	(17)	0.61	345	9,000	3,302	74	933	(22)	0.55	310
10,500	1,645	58	1,446	(41)	0.68	453	10,500	2,899	70	1,189	(28)	0.60	399	10,500	2,494	64	1,576	(33)	0.54	356
12,000	1,064	43	2,345	(55)	0.68	510	12,000	2,142	59	1,897	(39)	0.59	448	12,000	1,838	53	2,369	(43)	0.53	397
13,500	676	31	3,437	(68)	0.67	572	13,500	1,546	48	2,767	(50)	0.58	494	13,500	1,345	43	3,326	(53)	0.52	441
15,000	429	22	4,671	(77)	0.67	638	15,000	1,120	38	3,806	(59)	0.58	546	15,000	995	35	4,427	(62)	0.52	490
16,500	273	15	5,995	(84)	0.68	704	16,500	822	30	4,973	(67)	0.58	604	16,500	745	28	5,626	(69)	0.52	542
18,000	174	10	7,377	(89)	0.68	771	18,000	605	24	6,222	(74)	0.58	662	18,000	560	22	6,892	(74)	0.52	594
19,500	112	7	8,795	(92)	0.68	838	19,500	447	19	7,529	(79)	0.59	721	19,500	424	18	8,206	(79)	0.53	647
21,000	72	5	10,236	(94)	0.68	906	21,000	333	14	8,880	(83)	0.59	780	21,000	324	14	9,556	(83)	0.53	700
22,500	47	3	11,691	(95)	0.69	974	22,500	250	11	10,262	(86)	0.59	840	22,500	249	11	10,931	(85)	0.53	754
24,000	31	2	13,155	(97)	0.69	1,043	24,000	189	9	11,667	(89)	0.60	901	24,000	193	9	12,325	(88)	0.53	808
25,500	21	2	14,625	(97)	0.69	1,112	25,500	144	7	13,087	(91)	0.60	962	25,500	151	7	13,733	(89)	0.54	863
27,000	14	1	16,099	(98)	0.69	1,182	27,000	110	6	14,519	(92)	0.60	1,023	27,000	119	6	15,151	(91)	0.54	918
28,500	9	1	17,575	(98)	0.70	1,252	28,500	86	4	15,959	(93)	0.60	1,085	28,500	94	5	16,577	(92)	0.54	973
30,000	6	1	19,052	(98)	0.70	1,323	30,000	67	4	17,406	(94)	0.61	1,148	30,000	75	4	18,008	(93)	0.54	1,030
Cal 23 11,275							Cal 24 10,750													
P	C	d	P	d	VOL	B.E.	VOL	C	d	P	d	VOL	B.E.							
1,500	9,501	97	0	(0)	0.62	59	1,500	8,625	93	0	(0)	0.42	40							
3,000	8,048	97	5	(0)	0.74	139	3,000	7,236	93	11	(0)	0.42	80							
4,500	6,629	95	44	(2)	0.73	206	4,500	5,910	90	82	(3)	0.42	119							
6,000	5,303	91	175	(6)	0.72	272	6,000	4,715	85	286	(8)	0.42	158							
7,500	4,128	84	458	(13)	0.71	335	7,500	3,693	77	663	(16)	0.42	196							
9,000	3,135	74	922	(23)	0.70	395	9,000	2,846	68	1,214	(25)	0.41	232							
10,500	2,326	63	1,572	(34)	0.68	453	10,500	2,151	58	1,918	(35)	0.40	266							
12,000	1,687	51	2,390	(46)	0.68	510	12,000	1,588	48	2,754	(45)	0.39	295							
13,500	1,213	41	3,374	(56)	0.67	572	13,500	1,178	39	3,742	(54)	0.39	328							
15,000	885	32	4,504	(65)	0.67	638	15,000	881	31	4,843	(62)	0.39	364							
16,500	654	25	5,731	(72)	0.68	704	16,500	668	25	6,029	(68)	0.39	402							
18,000	487	20	7,022	(77)	0.68	771	18,000	510	20	7,270	(73)	0.39	440							
19,500	367	16	8,359	(82)	0.68	838	19,500	392	16	8,550	(77)	0.39	477							
21,000	279	12	9,729	(85)	0.68	906	21,000	303	13	9,860	(80)	0.39	515							
22,500	214	10	11,122	(87)	0.69	974	22,500	236	11	11,191	(83)	0.39	553							
24,000	166	8	12,532	(89)	0.69	1,043	24,000	185	9	12,539	(85)	0.39	592							
25,500	131	6	13,954	(91)	0.69	1,112	25,500	146	7	13,899	(86)	0.39	630							
27,000	104	5	15,385	(92)	0.69	1,182	27,000	116	6	15,267	(88)	0.39	669							
28,500	83	4	16,822	(93)	0.70	1,252	28,500	93	5	16,643	(89)	0.39	708							
30,000	67	3	18,264	(94)	0.70	1,323	30,000	75	4	18,023	(89)	0.40	747							

*please note that all prices are indicative, for live pricing please get in contact

Supramax — Options Curves

Parameters									
Term	FUTS	S.D.	-0.50	-0.25	-0.10	0.00	0.10	0.25	0.50
Nov 22	13,875	664	6.00	5.50	3.00	76.00	-3.00	-5.50	-7.00
Dec 22	13,375	628	6.00	5.50	3.00	74.50	-3.00	-5.50	-6.00
Jan 23	11,500	484	4.80	4.40	2.40	66.75	-2.40	-4.40	-4.50
Q1 23	11,575	487	4.80	4.40	2.40	66.75	-2.40	-4.40	-4.50
Q2 23	12,250	502	3.84	3.52	1.92	65.00	-1.92	-3.52	-3.00
Q3 23	12,000	477	3.07	2.82	1.54	63.13	-1.54	-2.82	-2.40
Cal 23	11,800	479	3.70	3.39	1.85	64.44	-1.85	-3.39	-3.08

Weekly Trades								
Date	Trade	Price	Delta	Gamma	Theta	Vega	Rho	Epsilon

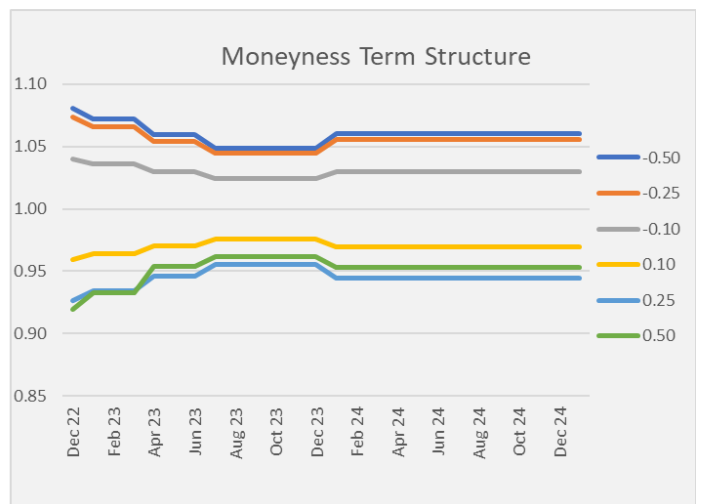
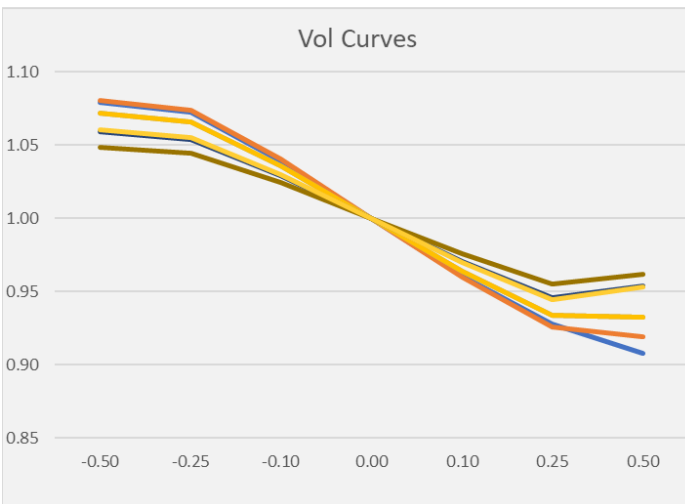
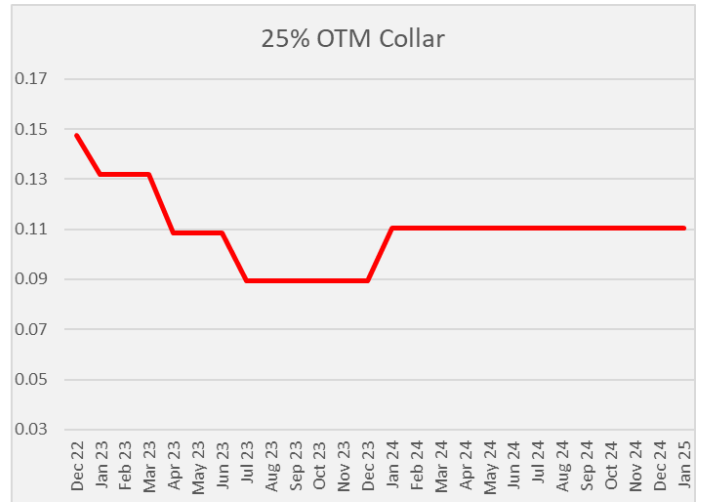
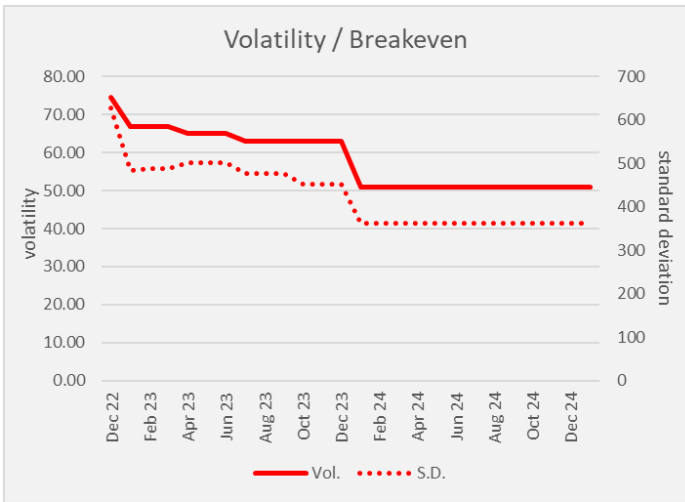


Chart sources: FIS

Supramax — Option Price Indications

Nov 22							Dec 22							Jan 23						
13,875							13,375							11,500						
STRIKE	C	d	P	d	VOL	B.E.	STRIKE	C	d	P	d	VOL	B.E.	STRIKE	C	d	P	d	VOL	B.E.
1,500	13,079	73	0	0	0.88	83	1,500	11,809	99	0	(0)	0.84	80	1,500	9,902	99	0	(0)	0.74	70
3,000	11,241	85	0	(0)	0.87	164	3,000	10,318	99	0	(0)	0.84	158	3,000	8,417	99	0	(0)	0.73	138
4,500	9,745	85	0	(0)	0.86	244	4,500	8,826	99	0	(0)	0.83	235	4,500	6,932	99	1	(0)	0.73	206
6,000	8,249	85	0	(0)	0.85	322	6,000	7,334	99	0	(0)	0.82	312	6,000	5,465	98	18	(1)	0.72	273
7,500	6,754	85	0	(0)	0.84	399	7,500	5,848	99	6	(1)	0.82	387	7,500	4,075	93	114	(6)	0.72	340
9,000	5,258	85	0	(0)	0.84	474	9,000	4,399	96	48	(4)	0.81	461	9,000	2,860	82	384	(17)	0.71	405
10,500	3,763	85	1	(0)	0.83	548	10,500	3,071	87	211	(12)	0.81	533	10,500	1,878	67	888	(32)	0.70	464
12,000	2,293	82	26	(4)	0.82	620	12,000	1,970	72	603	(28)	0.80	605	12,000	1,073	49	1,568	(50)	0.65	489
13,500	1,027	62	256	(23)	0.79	672	13,500	1,072	52	1,197	(47)	0.74	627	13,500	573	32	2,553	(67)	0.62	530
15,000	243	27	968	(59)	0.70	663	15,000	489	31	2,105	(68)	0.69	651	15,000	305	20	3,770	(79)	0.62	588
16,500	29	5	2,249	(81)	0.68	704	16,500	213	17	3,321	(83)	0.68	709	16,500	156	11	5,107	(88)	0.62	645
18,000	1	0	3,718	(85)	0.65	741	18,000	84	8	4,683	(92)	0.68	767	18,000	78	6	6,514	(93)	0.62	703
19,500	0	0	5,212	(85)	0.63	773	19,500	30	3	6,121	(96)	0.67	824	19,500	38	3	7,960	(96)	0.62	760
21,000	0	0	6,708	(85)	0.60	800	21,000	10	1	7,593	(98)	0.66	879	21,000	18	2	9,425	(97)	0.62	817
22,500	0	0	8,204	(85)	0.58	823	22,500	3	0	9,078	(99)	0.66	933	22,500	9	1	10,901	(98)	0.62	874
24,000	0	0	9,699	(85)	0.56	841	24,000	1	0	10,567	(99)	0.65	986	24,000	4	0	12,382	(99)	0.62	931
25,500	0	0	11,195	(85)	0.53	854	25,500	0	0	12,058	(99)	0.65	1,038	25,500	2	0	13,865	(99)	0.61	987
27,000	0	0	12,691	(85)	0.51	863	27,000	0	0	13,550	(99)	0.64	1,089	27,000	1	0	15,349	(99)	0.61	1,044
28,500	0	0	14,186	(85)	0.48	868	28,500	0	0	15,041	(99)	0.63	1,139	28,500	0	0	16,834	(99)	0.61	1,100
30,000	0	0	15,682	(85)	0.46	868	30,000	0	0	16,533	(99)	0.63	1,187	30,000	0	0	18,319	(99)	0.61	1,156
Q1 23							Q2 23							Q3 23						
11,575							12,250							12,000						
STRIKE	C	d	P	d	VOL	B.E.	STRIKE	C	d	P	d	VOL	B.E.	STRIKE	C	d	P	d	VOL	B.E.
1,500	9,943	99	0	(0)	0.73	69	1,500	10,501	98	0	(0)	0.70	66	1,500	10,151	97	0	(0)	0.67	63
3,000	8,463	99	0	(0)	0.73	138	3,000	9,038	98	3	(0)	0.69	131	3,000	8,711	96	11	(0)	0.66	125
4,500	6,989	98	7	(0)	0.72	205	4,500	7,603	96	33	(1)	0.69	196	4,500	7,332	94	81	(2)	0.66	188
6,000	5,556	96	54	(3)	0.72	273	6,000	6,251	93	146	(5)	0.69	261	6,000	6,075	90	275	(7)	0.66	250
7,500	4,232	90	210	(9)	0.72	339	7,500	5,039	87	399	(11)	0.69	325	7,500	4,979	83	629	(13)	0.66	312
9,000	3,091	80	550	(19)	0.71	405	9,000	3,999	79	825	(19)	0.69	389	9,000	4,052	76	1,152	(21)	0.66	373
10,500	2,156	67	1,095	(32)	0.70	463	10,500	3,120	70	1,411	(28)	0.68	449	10,500	3,254	68	1,804	(29)	0.65	429
12,000	1,362	52	1,782	(47)	0.65	493	12,000	2,352	60	2,107	(38)	0.66	495	12,000	2,557	59	2,557	(38)	0.63	476
13,500	818	37	2,718	(62)	0.62	530	13,500	1,706	49	2,927	(48)	0.63	533	13,500	1,974	50	3,424	(46)	0.61	520
15,000	507	25	3,887	(73)	0.62	588	15,000	1,245	40	3,932	(58)	0.62	582	15,000	1,532	43	4,432	(54)	0.60	569
16,500	311	17	5,172	(82)	0.62	646	16,500	939	32	5,091	(65)	0.62	643	16,500	1,223	36	5,573	(61)	0.60	628
18,000	190	11	6,531	(87)	0.62	704	18,000	712	26	6,328	(72)	0.62	706	18,000	981	30	6,781	(66)	0.61	688
19,500	117	7	7,938	(91)	0.62	761	19,500	542	21	7,624	(77)	0.63	769	19,500	791	26	8,041	(71)	0.61	748
21,000	72	5	9,374	(94)	0.62	818	21,000	416	17	8,963	(81)	0.63	832	21,000	641	22	9,342	(75)	0.61	809
22,500	44	3	10,827	(96)	0.62	876	22,500	321	13	10,334	(84)	0.63	896	22,500	523	18	10,674	(78)	0.61	870
24,000	28	2	12,290	(97)	0.62	933	24,000	250	11	11,728	(87)	0.64	961	24,000	429	15	12,030	(81)	0.62	931
25,500	17	1	13,760	(97)	0.62	989	25,500	197	9	13,140	(89)	0.64	1,027	25,500	354	13	13,405	(84)	0.62	993
27,000	11	1	15,234	(98)	0.62	1,046	27,000	156	7	14,564	(91)	0.64	1,093	27,000	294	11	14,795	(85)	0.62	1,055
28,500	7	1	16,711	(98)	0.61	1,103	28,500	124	6	15,998	(92)	0.65	1,160	28,500	246	10	16,196	(87)	0.62	1,118
30,000	4	0	18,189	(98)	0.61	1,159	30,000	100	5	17,439	(93)	0.65	1,227	30,000	206	8	17,607	(88)	0.62	1,181
Cal 23							Cal 24													
11,800							11,300													
STRIKE	C	d	P	d	VOL	B.E.	STRIKE	C	d	P	d	VOL	B.E.							
1,500	10,011	97	0	(0)	0.67	63	1,500	9,139	93	1	(0)	0.52	49							
3,000	8,563	97	9	(0)	0.67	126	3,000	7,773	92	35	(1)	0.52	98							
4,500	7,157	95	62	(2)	0.66	188	4,500	6,512	89	172	(4)	0.52	147							
6,000	5,847	92	209	(6)	0.66	250	6,000	5,404	84	463	(9)	0.52	195							
7,500	4,679	85	499	(12)	0.66	312	7,500	4,464	77	921	(16)	0.52	244							
9,000	3,667	77	945	(20)	0.65	370	9,000	3,658	70	1,513	(23)	0.51	289							
10,500	2,810	67	1,546	(30)	0.64	423	10,500	2,969	62	2,223	(31)	0.50	331							
12,000	2,118	57	2,311	(41)	0.63	474	12,000	2,365	55	3,018	(39)	0.49	367							
13,500	1,578	46	3,229	(51)	0.62	524	13,500	1,861	47	3,913	(46)	0.47	401							
15,000	1,172	38	4,281	(60)	0.61	575	15,000	1,474	40	4,924	(53)	0.46	438							
16,500	867	30	5,434	(67)	0.60	624	16,500	1,172	34	6,020	(59)	0.46	476							
18,000	639	23	6,663	(74)	0.59	670	18,000	941	29	7,188	(64)	0.45	516							
19,500	469	18	7,952	(79)	0.58	712	19,500	755	24	8,401	(69)	0.45	555							
21,000	348	14	9,288	(83)	0.57	756	21,000	606	20	9,650	(73)	0.45	594							
22,500	259	11	10,657	(86)	0.57	802	22,500	487	17	10,930	(76)	0.45	632							
24,000	193	8	12,049	(89)	0.56	848	24,000	391	14	12,233	(79)	0.44	670							
25,500	145	6	13,458	(91)	0.56	892	25,500	315	12	13,554	(81)	0.44	707							
27,000	108	5	14,879	(92)	0.55	936	27,000	253	10	14,891	(83)	0.44	744							
28,500	81	4	16,310	(93)	0.55	979	28,500	203	8	16,240	(85)	0.43	780							
30,000	60	3	17,747	(94)	0.54	1020	30,000	163	7	17,599	(86)	0.43	815							

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