X = In Order R = Not In Order N/A = Not Applicable

This check list is to be completed by the navigational officer under the Master's supervision prior to sailing

Open sea passage planning, although easier than that in restricted waters, is equally necessary.

All information relevant to the whole voyage is to be collected and analyzed, so that the general routeing as well as the various courses are plotted correctly. Special attention is paid to areas where coastal navigation will take place. Courses plotted on the chart are to run at safe distances from shore. These distances as well as any other distances off are to be checked with "parallel indexing".

1.	Preparatory discussion between the Master and the Navigation officer	X
2.	It is checked whether all charts and books relevant to the voyage are updated and corrected	X
3.	The desirable course is plotted (great circle - rhumb line - composite sailing)	X
4.	The length of the voyage is accurately calculated	X
5.	Most important navigational aids to be used during the voyage are plotted on the charts	X
6.	Final discussion between the Master and the Navigation officer	X
7.	Remaining Deck Officers participated and aware fully	X
8.	Appendix 1 "Sea Passage Plan" attached completed and duly signed by all Deck Officers	X
9.	*Appendix 2 "CONFINED WATERS PASSAGE PLAN" (PILOTAGE)*	X

Completed by
2/O - Calixto Bancolita
Name

Date : 08 February 2014

Verified by
Capt. Maragkos Dimitrios
Master

Date : 08 February 2014

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ED_002238_00002926-00001

This form is to be completed by the Navigational Officer (2nd officer) prior to the departure from port and verified by the Master.

NOTE	YES	NO	RESULTS
CALCULATE SHIP SQUAT	✓		1.85 – CONFINED WATER 0.93 – OPEN WATER

mv Dimitrios K

Port: SAN PEDRO Pilot to berth: –

Date : 08 FEB. 2014 Berth to Pilot -- 3.12

Time Zone: 0

	DRAFT	Time	Tide Height
Fwd	5.63 m	HW	
Mid	6.75 m	LW	
Aft	7.86 m	HW	
		LW	

Deepest Draft	7.86 m

Ref No.	Mark/Ref Point	*Passing time	Range/Brg	Lat/Long	Co	Dist	Speed	P.I.	Depth	Remarks (Record Emergency Areas)
					deg	n.m.	kts	Mls	m	Port : San Pedro Contact details
1	Quai Quest Berth		-----	04.4410N/006.3700W	--	---			8.9 , 10	vhf on ch. 16 & 12
2	VQ (3) G.5s Lt.		0.06/018	04.4413N/006.3675W	084	0.27			8.5 , 12.6	Pilotage is compulsory.
3	RW Fl.		0.21/257	04.4364N/006.3550W	111.5	1.33			12.2 , 13	Vessel should send ETD 1h in
4	SAN PEDRO Pit.Stn.		-----	04.42.50N/006.3650W	221	1.52			20 , 22	advance.
									23 , 37	
				Total Dist.	=	3.12				

*Enter actual time of passing reference point P.I. = Parallel Index Distance

NOTES :

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2/0 – Calixto Bancolita

THE SECOND OFFICER

Capt.Maragkos Dimitrios

MASTER

APPENDIX 2

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ED_002238_00002926-00002

This form is to be completed by the Navigational Officer (2nd officer) prior to the departure from port and verified by the Master.

mv **Dimitrios K** Date: **08/02/14** Sea passage From: **SAN PEDRO** To: **PHILADELPIA**

REFERENCE POINT	BEARING & RANGE	WAY POINT LAT	WAY POINT LONG	CSE	DIST	DIST TO GO	ALL. VOL.	PILOT BOOK	TIDES VOL.	REMARKS (Record Emergency Areas)
								ASD :		NP286(8)–page 68-S.Pedro
Wpt No. Places										
1. SAN PEDRO Pit.Stn.	- - -	04.4250N	006.3650W	----	------	4617.4	NP 82	NP 1	NP202	Pilot cont.details vhf ch. 12
2 TABOU Lt.	338 & 58	03.3000N	007.0000W	198	76.2	4541.2		NP 69		NP286(5) Page 175
3.GREENVILLE Lt.	213 & 107	03.3000N	010.0000W	270	179.7	4361.5		NP 70		Delaware Bay & River
4. ODAS 41047	241 & 180	28.5500N	068.3000W	294	3684.3	677.2		NP 71		PilotStn.VHF ch 14.16,13
5. OCEAN CITY Lt.	294 & 47.5	38.0000N	074.1000W	332	614.8	62.4				Vsl. Should send for Pilot
6. BUOY-GONG IHC	225 & 2.3	38.4435N	074.5680W	320	57.7	4.7		ALRS :		together w/ETA & Draft
7.DELAWARE Pit.Stn – 8A	000 & 2.5	38.4690N	075.0180W	303	4.7	------		NP281(2		Atleast 8h in adv. w/conf.
								NP282		2h before ETA
								NP283(2		Vsl.inward-bound are reqest
								NP285		To contact Pilot when at
								NP286(5		either Delaware Lt.bouy D
										(38.2730N / 74.4180W or
										5 fathom Lt.bouy F 38.4720N /
				TOTALS	4617.4					74.3000W)

CHARTS REQUIRED : BA – 3099 – 3139 – 1147 – 4209 – 4012 – 2710 – 2861 – 2563 – 2564 – 2603 – 2604 – 2605

MASTER'S REMARKS :

MASTER
CHIEF OFFICER
2ND OFFICER
3RD OFFICER

2/O – Calixto Bancolita
Sign : Navigation Officer

Capt. Marangos Dimitrios
Sign : Master

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APPENDIX 1

ED_002238_00002926-00003

KB	**KALLIANIS BROS SHIPPING S.A.** COMPANY MAIN MANAGEMENT MANUAL PASSAGE PLANNING IN OPEN SEA AND CONFINED WATERS (PILOTAGE)	Date : March 2010 Rev. : 0 Prep. : S & Q Appr. : GM-OPA

This form is to be completed by the Navigational Officer (2nd officer) prior to the departure from port and verified by the Master.

NOTE	YES	NO	RESULTS
CALCULATE SHIP SQUAT	✓		1.85 - CONFINED WATER 0.93 - OPEN WATER

mv Dimitrios K

Port: Philadelpia Pilot to berth: .

Date : Feb.2014 Berth to Pilot ____

Time Zone: +5

DRAFT	
Fwd	
Mid	
Aft	

Time Tide Height

HW
LW
HW
LW

Deepest Draft	

Ref No.	Mark/Ref Point	Passing time	Range/Brg	Lat/Long	Co.	Dist	Speed	P.I.	Depth	Remarks (Record Emergency Areas)
01	Delaware P.S. Rc.(K)		0.80 / 144	38.4090N / 075.0180W	----	------			77 , 72	**Pilotage is compulsory for all**
02	Brown Shoal Rc.(B)		0.10 / 069	38.5535N / 075.0600 W	339	9.10			63 , 50	foreign Vessels of 100 gt & over
03	Buoy 19 Q G		0.15 / 285	39.0505N / 075.1105 W	337	10.47			35 , 40	and all U.S. Vessel 100 gt over
04	Buoy 29 Q G		0.13 / 244	39.1090N / 075.1635 W	325	7.16			33	under register ingaged in foreign
05	Buoy 32 Q R		0.20 / 017	39.1390N / 075.1810 W	335	3.30			48	trade
06	Buoy 1B Q.G		0.10 / 255	39.2735N / 075.3365 W	318	18.08			36	Vsl.Not requiring Pilot requested to
07.	Buoy 2R Q R		0.10 / 090	39.2900N / 075.3380W	336	1.65			42	Contact Delaware Maritme
08.	Buoy 2N R		0.10 / 090	39.3314N / 075.3238W	015	4.28			32	Exchange 1h before entering or
09	Racon X		**0.30 / 193**	**39.3705N / 075.3480 W**	334	**4.34**			36	departing Delaware Bay
10.	**Buoy 1 D**		0.13 / 009	39.3760N / 075.3470W	008	0.56			**31 , 34**	Pilot boards in the pilot boarding
11.	Buoy 2 C		**0.10 / 090**	**39.4036N / 075.3150W**	**042**	**3.71**			32	are bounded by the following
12.	2B Q.R		0.17 / 283	**39.4455N / 075.2984W**	017	**4.38**			38 , 26	positions
13.	Buoy 2M Q R		**0.18 / 140**	**39.4705N / 075.2755W**	035	**3.06**			48	(a) 38deg 4755N / 075deg 0180W
14.	Buoy 1C Q C Gong		**0.22 / 302**	**39.4928N / 075.2302W**	057	**4.15**			42	(b) 38deg 4628N / 074deg 5875W
15	Buoy 6C Q R		**0.17 / 090**	**39.5049N / 075.2108W**	**051**	**1.92**			38	(c) 38deg 4477N / 075deg 0140 W
16.	Buoy 2T Q R		**1.20 / 201**	**39.5096N / 075.1980W**	**064**	**1.09**			35	(d) 38deg 4660N / 075deg 0355 W
17.	Buoy S T Q G		**1.00 / 000**	**39.5087N / 075.1586W**	092	**3.04**			33.5	**Radar Surveillance :**
18.	Buoy 1 F Q G		**0.11 / 330**	**39.5126N / 075.1445W**	070	**1.16**			34	**Radar coverage extends out**
										to five fathom Lt.buoy F

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Ref. No.	Mark/Ref.Point	Passing time	Range/Brg	Lat / Long	Co.	Dist	Speed	P.I	Depth	Remarks (Record Emergency Areas)
19.	Buoy 44 Q R		0.11 / 180	39.5280N / 075.1175W	053	2.59				
20.	Buoy 44 A Q R		0.11 / 128	39.5288N / 075.1050W	085	0.97			40	
21.	Buoy 46 A		0.13 / 108	39.52.83N / 075.0904W	093	1.13			39	
22.	Buoy 37 G		0.16 / 280	39.5302N / 075.0853W	064	0.44			45	
23	Buoy 39 G		0.19 / 343	39.5342N / 075.0823W	030	0.46			52	
24	Fixed BridgeWalt W		Cross River	39.5432N / 075.0780W	020	0.96			50	
25	Pier 96 S		0.14 / 270	39.5472N / 075.0776W	004	0.40			52	
26	Broadway Terminal		018 / 090	39.5500N / 075.0785W	346	0.29			45	
27	Pier 84		---	39.5499N / 075.0806W	266	0.16			43	
				Total Dist.	=	88.85				

*Enter actual time of passing reference point

P.I. = Parallel Index Distance

NOTES :

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Calixto Bancolita
THE SECOND OFFICER

Maragkos Dimitrios
MASTER

APPENDIX 2

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