

Passage Plan

From Napoli to Malaga

H.Petrosyan
A.Markaryan

GENERAL INFORMATION FOR THE VOYAGE

Master :	H.Petrosyan
Ch.Mate :	A.Markaryan
2nd Mate :	Vasco da Gama
3rd Mate :	Christopher Columbus
Ocean Region :	AOR-E
Last NTM No :	50/08
Gyro Compass Error :	0 °

Voyage No.:	BON 2009 01
Condition :	Ballast
Cargo on board :	Ballast
Charterer Speed :	14,30 kts
	ROB on Departure
HFO :	
DO :	

Departure

Port :	Napoli
ETD (LT) :	17.05.16 17:30
Zone Time (-W / +E) :	1E
Ship's Agent :	Don Pablo Escobare
PBA Station :	Molo Angioino
Max Trim for pilotage:	5,0°
Dep. Draft Fore :	6,00 m.
Dep. Draft Aft :	9,05 m.
Displacement :	73 998 MT
Deadweight :	50 533 MT

Arrival

Port :	Malaga
ETA (LT) :	21.05.16 15:30
Zone Time (-W / +E) :	1E
Ship's Agent :	Don Pablo Escobare
PBA Station :	Muelle de Guadiaro
Max Trim for pilotage:	5,0°
Arr. Draft Fore :	6,00 m.
Arr. Draft Aft :	9,05 m.
Displacement :	73 998 MT
Deadweight :	50 533 MT

GENERAL VESSELS' INFORMATION

Vessel's Name :	Kobcik	Breadth :	42,00 m
Call sign :	HSGH7	Length Overall (A) :	246,78 m
IMO No :	3457498	Length between perpendicullars LBP :	235,00 m
Flag :	Armenia	Distance fm Bridge to Stern :	123,72 m
Year built :	2002	Distance fm Bridge to Bow :	123,06 m
Type of Ship :	Oil Tanker	Distance fm Bridge to Center Manifold :	84,84 m
Bulbous Bow :	Yes	Parallel Body Laden :	132,73 m
Deadweight :	89 808 TM	Parallel Body Ballast :	119,65 m
Gross Tonnage :	57 979	Height from Keel to Mast (B):	48,16 m
Net Tonnage :	31 829	Height from Keel to Observer's Eye (C):	38,10 m
Anchor Chain Port:	13 Shackles	Height from Keel to Falseboard Bow (D):	25,10 m
Anchor Chain Stbd:	13 Shackles	Height from Keel to Stern (E):	24,90 m
1 Schakles :	27,50 m	Distance between perpendicullars to Observer's Eye and Bow (F):	229,71 m
Mooring winches & lines :	18 pcs	Distance between perpendicullars to Observer's Eye and Stern (G):	44,76 m
El.Position Fix.Syst.:	DGPS	Dist. FM Bow to FWD Draft Mark (H):	17,15 m
MMSI :	477760900	Dist. FM Stern to AFT Draft Mark 1 (AFT Draft<17m) (M):	17,16 m
Fax No :	347799197	Dist. FM Stern to AFT Draft Mark 2 (AFT Draft>17m) (N):	17,16 m
Other : mail: seanostrum@amosconnect.com			
Telex No INM-C:	347799196		

Hydrostatic Tables

Main Engine & Other Information

MAIN ENGINE CHARACTERISTICS & DESCRIPTION

Turbine/Motor/Other :	Mitsubishi - B&W 6S60MC-C
Type of Engine :	Fuel Oil
Max.Power :	13,530 KW / 25320 BHP
Time limit astern :	N/A
Full Ahead to full Astern :	515 sec.
Max. No. of consec. Starts :	21
Critical RPM :	43-52
Min. RPM :	20,8
Speed @ Min. RPM :	4,62 kts
Min. Steering :	3,60 kts
Astern Power :	59% ahead

Type of Rudder :	Semi - Balanced Steam Line
Number of Rudders :	1
Max. Angle :	35°
Hard-over to hard-over :	35° Stbd. - 30° Port / 24.63 sec.
Rudder angle for neutral effect :	2° Port
Number of power units :	2
Truster Bow :	N/A
Bow Power :	N/A
Truster Stern :	N/A
Stern Power :	N/A
Propeller Details :	4 Blades
Controllable Pitch :	N/A
Right/Left Turning :	Right
Number of Propellers :	1

Manoeuvring Engine Order	RPM	Speed (knots)	
		Laden	Ballast
Full Sea Ahead :	88	15,80	16,94
Full Ahead :	76	13,36	14,66
Half Ahead :	61	10,79	12,32
Slow Ahead :	40	6,93	7,87
Dead Slow Ahead :	33	5,84	6,47
Dead Slow Astern :	33		
Slow Astern :	40		
Half Astern :	61		
Full Astern :	76		

ME Cons. HFO in Ballast :	67,0 m.t./day
ME Cons. HFO in Laden :	72,0 m.t./day



All charts and publications corrected up to NTM 50/08

Vessel : Kobcik					Voyage Number : BON 2009 01					Date : 07.01.2009				
Charts used for voyage in order of use														
Number			Folio			Consec No.			Temporary & Preliminary			Nav Area Warnings		
545			26			35								
540			26			34								
3975			26			33								
3974			26			36						NAVAREA 5: Coastal: E0022/09		
529			26			30			6236(T)/08			NAVAREA 5: Coastal: E0017/09; E0010/09		
Campos Plan			Misc									NAVAREA 5: Coastal: E0467/08; E1074/08; E0706/08; E1002/08		

ALRS:

- NP281(2) - Vol.1 Part2: Coast Radio Stations - Mediterranean Sea
- NP282 - Vol 2: Radio Aids to Navigation, SNS, Legal Time and Elictronic Pos Fix Systems
- NP283(2) - Vol 3 Part2: Maritime Safety Information Services - Mediterranean Sea
- NP285 - Vol.5: Global Maritime Distress and Safety System

ASD:

- NP 05 - European Pilot, Vol. I

ALL:

- DP565 - Admiralty Digital List of Lights

ADRS 6:

- Admiralty Digital Radio Signal Vol. 6
- NP 100 - The Mariner's Hadbook
- NP 236 - Admiralty Ocean Passesges for the World



COLUMBIA SHIPMANAGEMENT

Document Manager

Passage Plan

Voyage Information

Vessel : Kocbik Voyage Number : BON 2009 01 Date : 07.01.2009

Distance : 940,73 nm Speed 14,30 kts Steaming Time : 2 days 18 hours

<u>Departure</u>		<u>Arrival</u>	
Port :	Napoli	Port :	Malaga
ETD : Date :	17.05.2016 Time : 17:30 LT	ETA : Date :	21.05.2016 Time : 15:30 LT
Zone Time :	+ 1 UTC	Zone Time :	+ 1 UTC
Draft Fwd :	6,00 m	Draft Fwd :	6,00 m
Draft Aft :	9,05 m	Draft Aft :	9,05 m
Tidal Information :		Tidal Information :	
HW Time :	N/A	HW Time :	N/A
Height :	N/A	Height :	N/A
LW Time :	N/A	LW Time :	N/A
Height :	N/A	Height :	N/A
Limiting Depth :	15,90 m	Limiting Depth :	15,90 m
Air Draft :	44,32 m	Air Draft :	44,32 m
Name of Berth :	MADRE DE DEUS OIL TERMINAL	Name of Berth :	FPSO ALBACORA P-31
Distance to sea buoy :	15,10 nm	Distance to sea buoy :	N/A
VHF Channels :		VHF Channels :	
Pilots and Port :	16,13,06,09,10,11,12,14	P 20 / FPSO P31	16
Berth PP 4 / Terminal Control	16,06,09 / 04	Mooring Master	77
Agent / Tugs	71 / 16,14	Agent:	



COLUMBIA SHIPMANAGEMENT

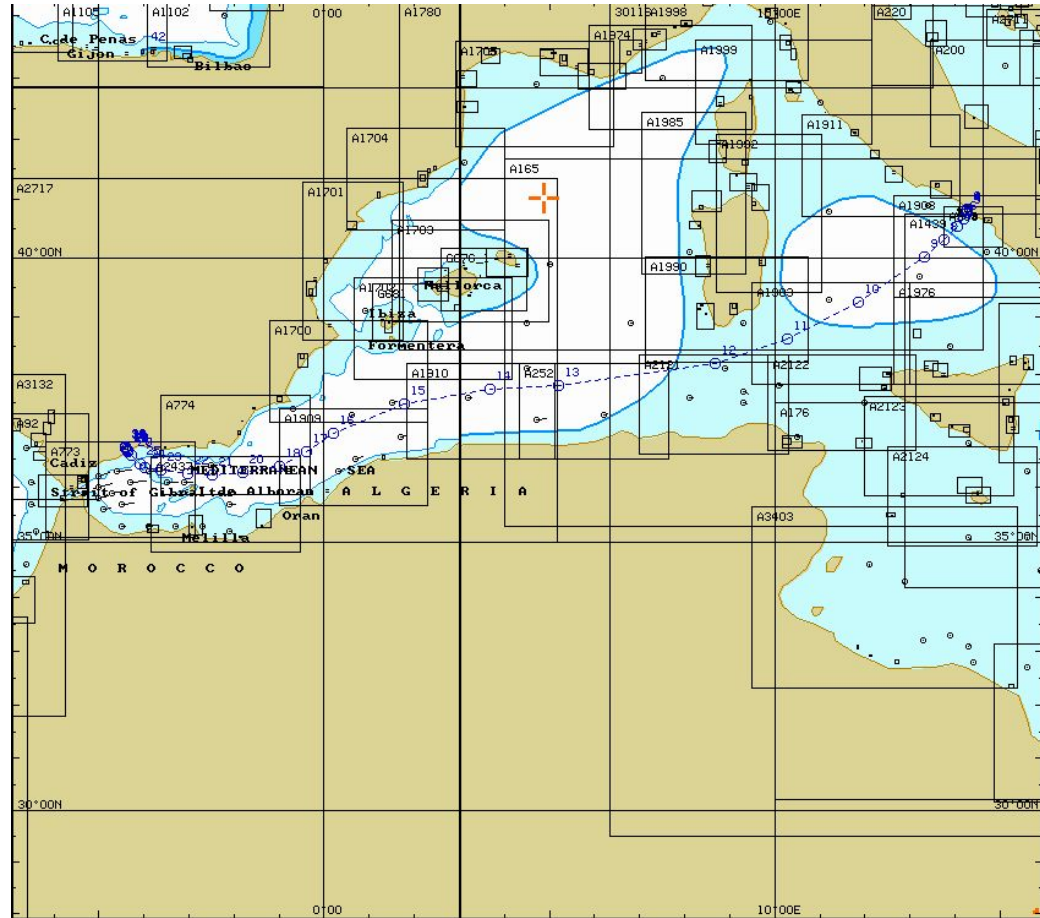
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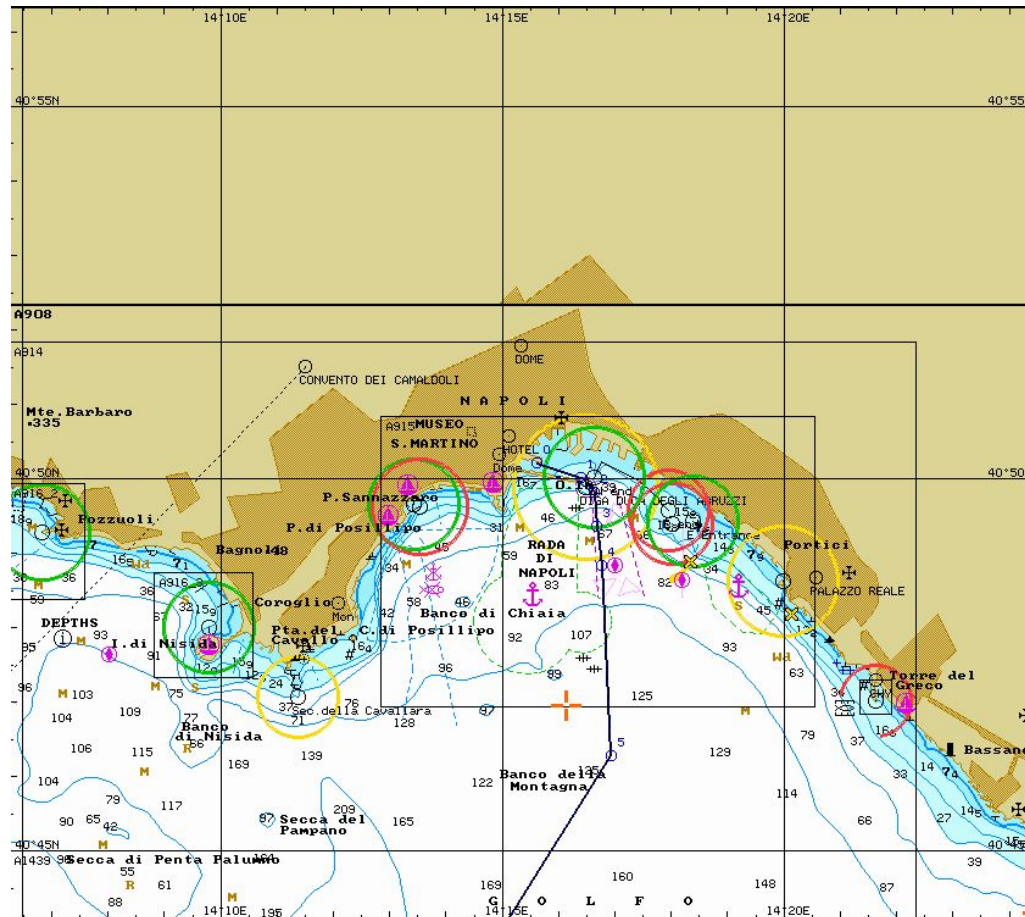
Passage Plan

Voyage Information

Course Card

Vessel : Kocbik		Voyage Number : BON 2009 01		Date : 07.01.2009			
WP No	Description	Latitude	Longitude	Course	Distance		
					This course	Total made	Total to go
Napoli Outbound Pilotage							
0	WP No 0 Molo Angolino	40°50.22' N	014°15.61' E	132.8°	0.6	0.0	1.9
1	WP No 1 LightBouy 1	40°50.02' N	014°16.40' E	051.8°	0.3	0.6	1.2
2	WP No 2 LightBouy 2	40°49.82' N	014°16.64' E	342.7°	0.5	0.9	1.0
3	WP No 3 LightBouy 3	40°49.36' N	014°16.67' E	173.4°	0.5	1.4	0.5
4	WP No 4 Pilot Disembarking	40°48.85' N	014°16.75' E			1.9	0.0
		00°00.00' N	000°00.00' E				
		00°00.00' N	000°00.00' E				
		00°00.00' N	000°00.00' E				
		00°00.00' N	000°00.00' E				
		00°00.00' N	000°00.00' E				
		00°00.00' N	000°00.00' E				
		00°00.00' N	000°00.00' E				
From Napoli to Malaga							
4	WP No 4 Pilot Disembarking	40°48.85' N	014°16.75' E	177.0°	2.6	0.0	937.7
5	WP No 5	40°46.29' N	014°16.93' E	212.3°	7.0	2.6	935.2
6	WP No 6	40°40.34' N	014°11.98' E	225.1°	10.2	9.6	928.1
7	WP No 7	40°33.17' N	014°02.54' E	223.8°	19.4	19.8	918.0
8	WP No 8	40°19.19' N	013°45.01' E	229.1°	26.4	39.1	898.6
9	WP No 9	40°01.94' N	013°19.04' E	238.1°	82.4	65.5	872.3
10	WP No 10	39°14.77' N	011°51.67' E	242.9°	82.9	147.9	789.9
11	WP No 11	38°37.00' N	010°17.25' E	251.2°	79.6	233.7	707.0
12	WP No 12	38°11.38' N	008°41.44' E	262.1°	167.6	310.3	627.4
13	WP No 13	37°48.27' N	005°11.65' E	266.7°	71.8	478.0	459.8
Malaga Inbound Pilotage							
32	WP No 32 Pilot In	36°42.03' N	004°24.74' E	035.5°	0.4	0.0	1.1
Total Distance from Napoli to Malaga :						940,7 nm	





**COLUMBIA SHIPMANAGEMENT**

SNM D05 Master / Pilot Exchange

Document Manager

Voyage Information

SHIP IDENTITY:

Name: Call Sign: Flag:
IMO No: Year built: Ship's agent:
Ship type: Cargo type: Next Port:

COMMUNICATION INFORMATION:

MMSI: Tx: Fax: Ocean Region:

PILOT BOARDING: PORT DATE

ETD: (date/time) Freeboard:

Boarding Station (if there is more than one)

SHIP PARTICULARS

Draught Fwd: Draught Aft: Draught Amidships:
Air Draught: Length: Beam: MUKC:
Displacement: Dwt.: Gross: Net:

ANCHORS

Port Anchor: Stbd Anchor: (length of cable available)

MANOEUVRING DETAILS AT CURRENT CONDITION

Full Speed: Half Speed:
Slow Speed: Min Steering Speed:
Propeller direction of turn: Controllable Pitch:
Number of Propellers: Number of Fwd Thrusters: Number of Aft Thrusters:

MAIN ENGINE DETAILS:

Type of Engine:
Maximum Number of Engine Starts: Critical Speed:

EQUIPMENT DEFECTS RELEVANT TO SAFE NAVIGATION & OTHER IMPORTANT DETAILS



COLUMBIA SHIPMANAGEMENT

SNM D06 Pilot Card

Document Manager

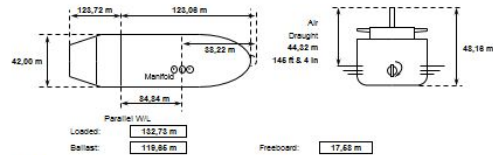
Voyage Information

SHIP'S PARTICULARS:

PORT: Napoli

IN/OUT

Name:	Kobok	Call sign:	H8GH7	Flag:	Armenia	Year Built:	2002
Displacement:	73 998 MT	Deadweight:	60 633 MT	GRT:		67 879	
Length OA:	248.78 m	Breadth:	42.00 m	Bulbous bow:		Yes	
Draught Pwd:	8.00 m	Draught Aft:	8.06 m	Draught Amidships:		7.63 m	
Port Anchor:	13 Shackles	Starboard Anchor:	13 Shackles	(1 shackles = 27.6 m ~ 15 fathoms)			



ENGINE:	Fuel Oil	Maximum power:	13,630 KW / 36520 BHP
Type:	rpm / pitch	Loaded Speed	Ballast Speed
Full Ahead	78	12.38 kts	14.89 kts
Half Ahead	61	10.79 kts	12.32 kts
Slow Ahead	40	8.93 kts	7.87 kts
Dead Slow Ahead	33	6.94 kts	6.47 kts
Dead Slow Astern	33		
Slow Astern	40		
Half Astern	61		
Full Astern	78	69 (% of full ahead power)	
Max. No of Consecutive Starts:		21	
Time Full Ahead to Full Astern:		616 sec	
Time Limit Astern:		N/A	
Engine Critical RPM:		42-62	

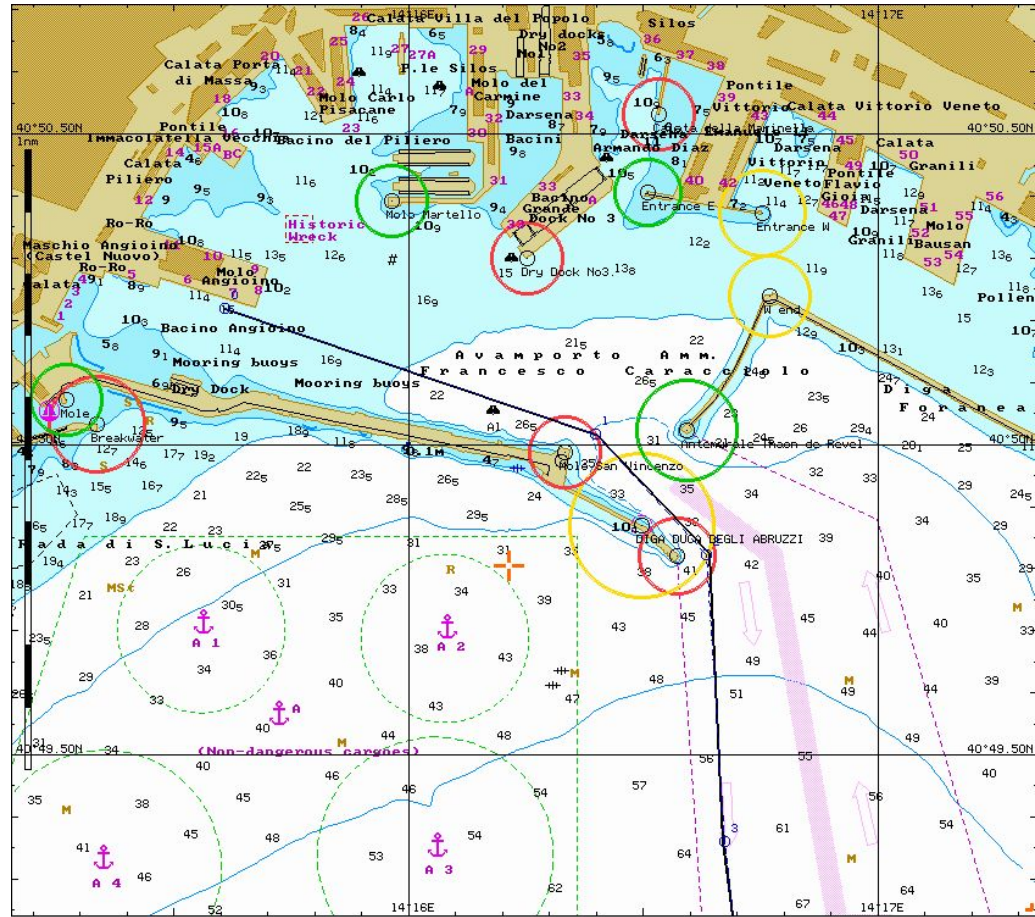
STEERING:	1 (Number)	Semi-Balanced Steam Line (Type)	2E	Maximum Angle	
Rudders:					
Time Head-Over-to-Head-Over:	3E Std., 3E Port / 34.83 sec	Rudder angle for neutral effect:		2° Port	
Propellers:	1 (Number)	Direction of Turn:	Right	Controllable Pitch:	N/A
Thrusters:	N/A	Number Slow Power:	N/A (WHP)	Stem Power:	N/A
Steering Regularities: Min Steering Speed: 0.8 kts					

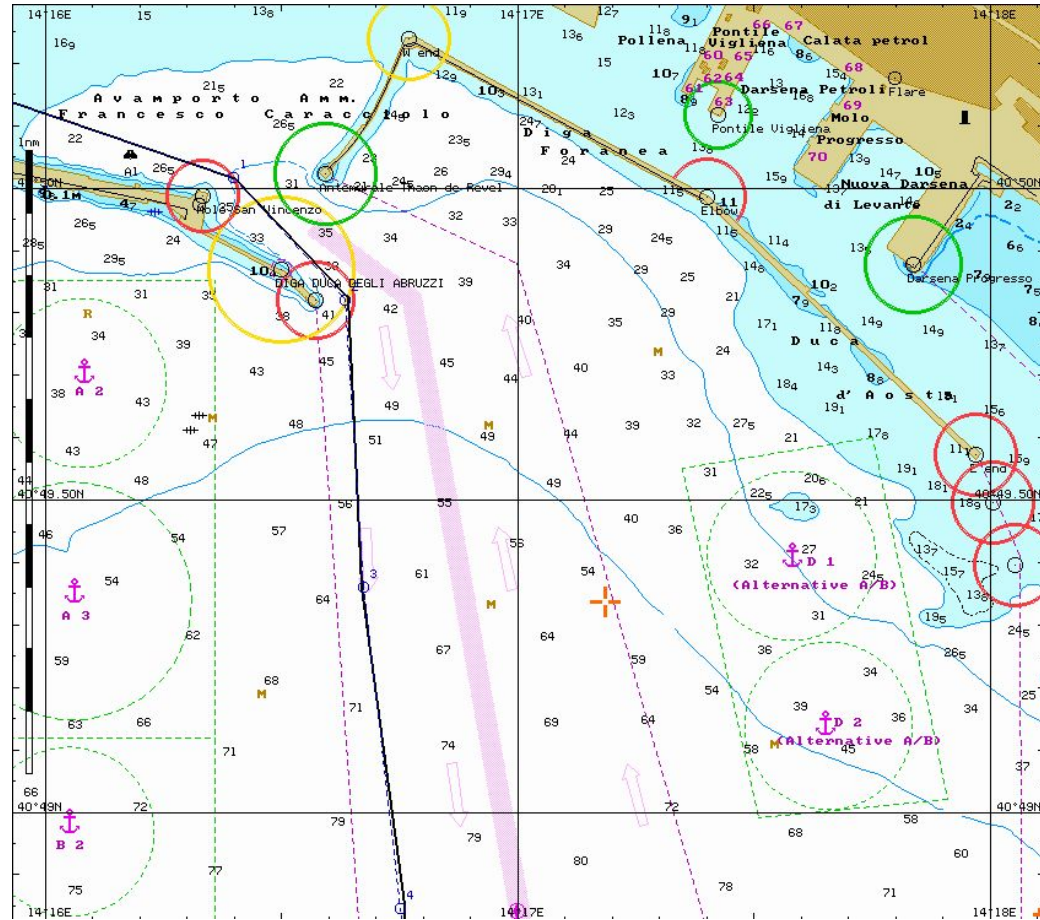
EQUIPMENT CHECKED & READY FOR USE:					
Anchors	Cleared away:	yes / no	Whistle		
X-Band radar	ARPA	yes / no	Flags		
S-Band radar	ARPA	yes / no	VHF		
Speed log	Water/Ground	single axis / dual axis	AIS		
Echo sounder			Moorng winches and lines	18	
Electronic position-fixing	Type:	DOP 3	Rudder/RRI/ROT indicators		
Compass system	Gyro compass error	0°	Engine telegraphs		
Steering gear	Number of power units in use	2			

Columbia Shipmanagement requires a minimum UKC to be maintained as follows:	MURK	1.38 m
10% of the deepest draft when the vessel is alongside the berth	Speed Limit	11.4 kts
15% of the deepest draft when navigating under pilotage and in confined waters	Signal	2.0 m
25% of the deepest draft when navigating in open waters		

EQUIPMENT DEFECTS RELEVANT TO SAFE NAVIGATION & OTHER IMPORTANT DETAILS:
NIL

Master's Name: H. Petrosyan Pilot's Name: Date: 17.06.2018





Document Manager

List of Way Points for the intended Passage

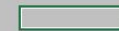
S/P Voyage Summary

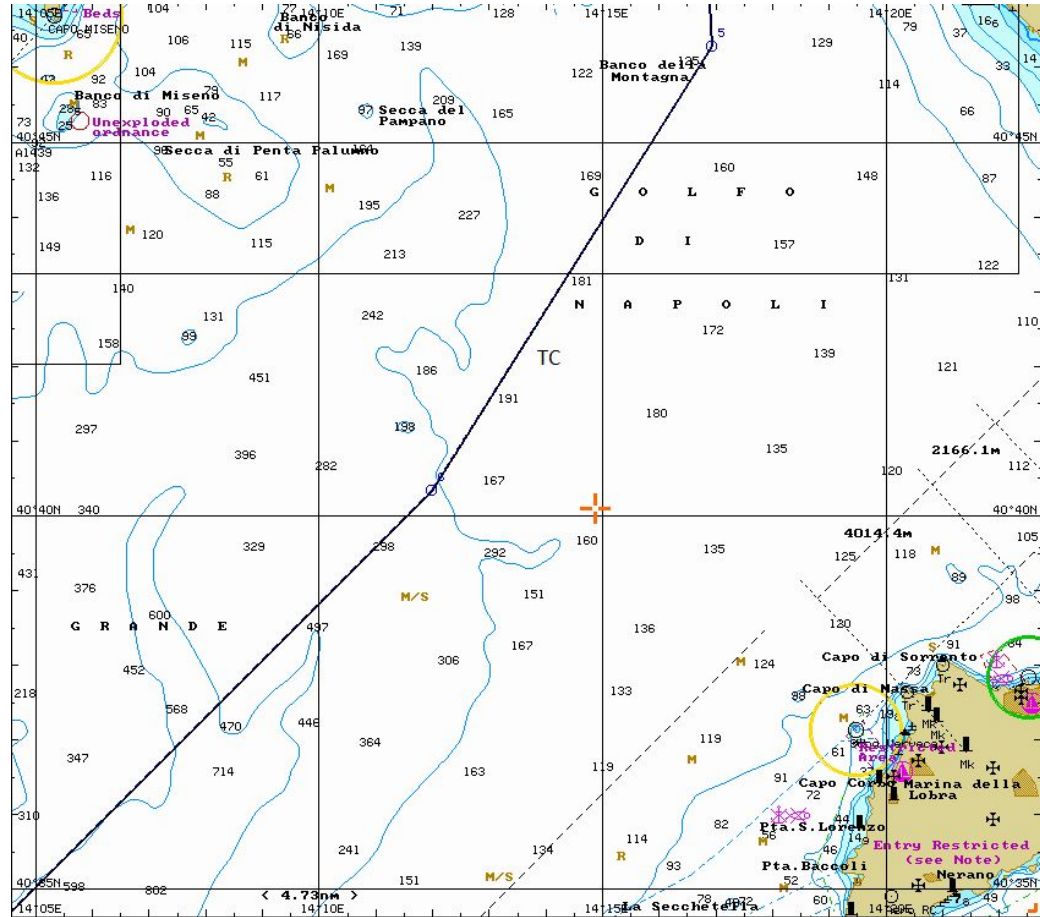
WGS information

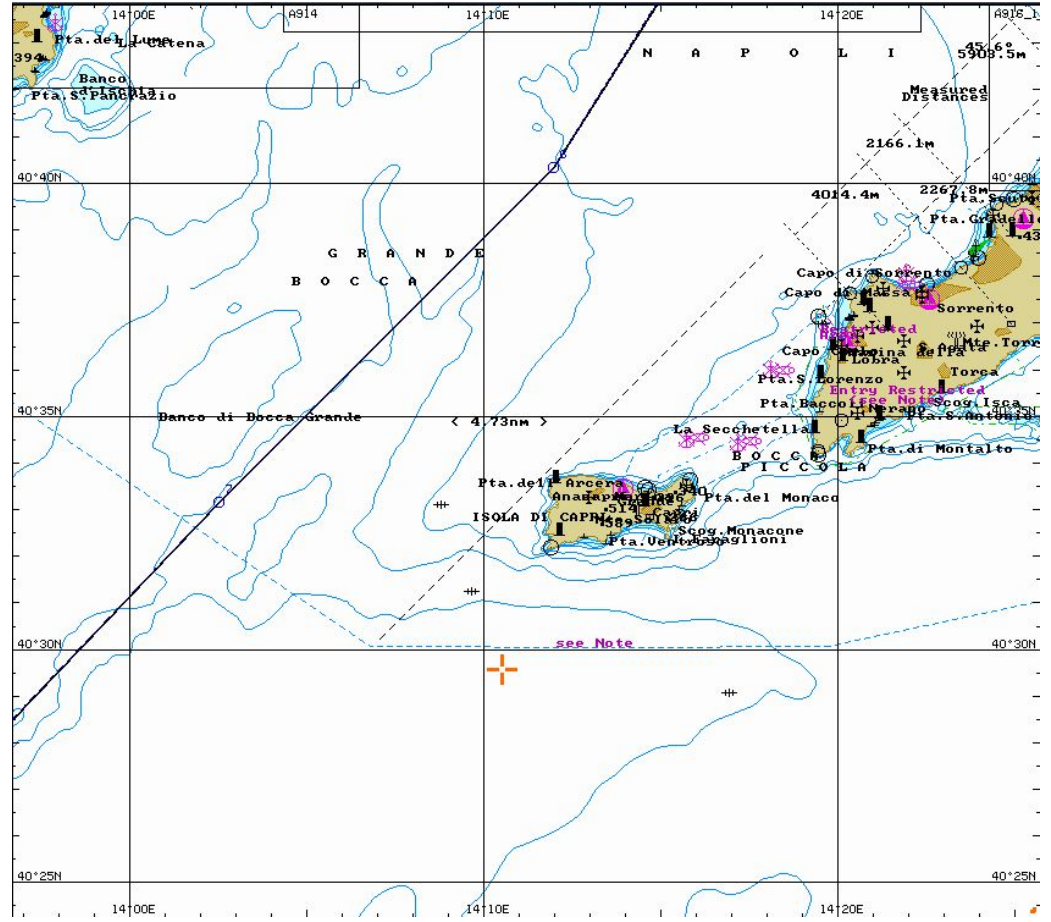
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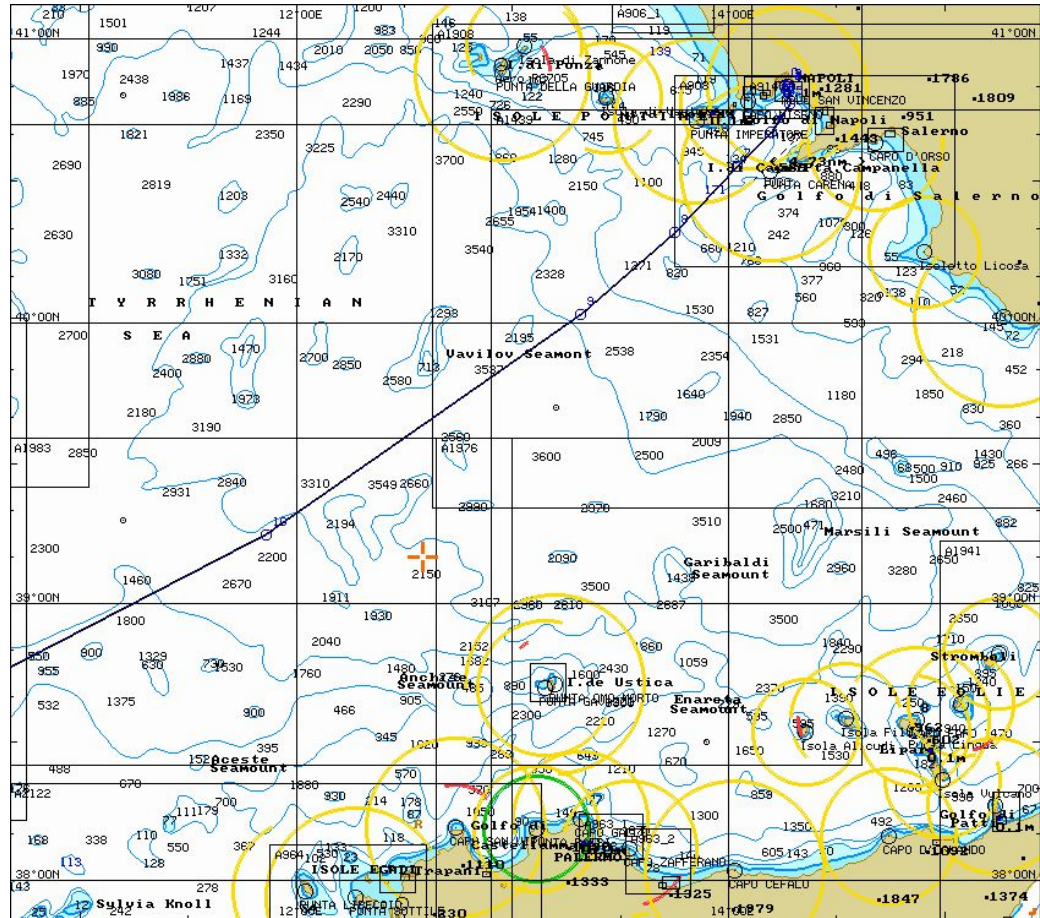
Wp No	WP Name	Reference point	Bearing and Distance	Lat.	Long.	R.L.	Course	Distance on Course	Distance to Go
				(+) N / (-) S	(-) W / (+) E	G.C.			
							Deg.	n.m.	n.m.
4	Pilot Disembarking			40°48,85' N	014°16,75' E	R.L.	177,0°	2,6	937,7
5				40°46,29' N	014°16,93' E	R.L.	212,3°	7,0	935,2
6				40°40,34' N	014°11,98' E	R.L.	225,1°	10,2	928,1
7				40°33,17' N	014°02,54' E	R.L.	223,8°	19,4	918,0
8				40°19,19' N	013°45,01' E	R.L.	229,1°	26,4	898,6
9				40°01,94' N	013°19,04' E	R.L.	235,1°	82,4	872,3
10				39°14,77' N	011°51,67' E	R.L.	242,9°	82,9	789,9
11				38°37,00' N	010°17,25' E	R.L.	251,2°	79,6	707,0
12				38°11,38' N	008°41,44' E	R.L.	262,1°	167,6	627,4
13				37°48,27' N	005°11,65' E	R.L.	266,7°	71,8	459,8
14				37°44,12' N	003°41,34' E	R.L.	180,0°	20,8	388,0
15				37°23,27' N	003°41,34' E	R.L.	261,4°	169,8	367,1
16				36°57,80' N	000°11,54' E	R.L.	154,4°	21,9	197,3
17				36°38,07' N	000°23,30' E	R.L.	117,0°	32,9	175,4
18				36°23,14' N	000°59,58' E	R.L.	090,0°	0,0	142,6
19				36°23,14' N	000°59,58' E	R.L.	099,5°	39,6	142,6
20				36°16,62' N	001°47,86' E	R.L.	000,0°	0,0	103,0
21				36°13,56' N	002°28,96' E	R.L.	088,4°	26,1	103,0
22				36°14,29' N	003°01,16' E	R.L.	082,5°	29,9	76,9
23				36°18,20' N	003°37,75' E	R.L.	079,3°	17,6	47,0
24				36°21,48' N	003°59,13' E	R.L.	049,5°	6,7	29,4
25				36°25,84' N	004°05,45' E	R.L.	044,0°	12,2	22,7
26				36°34,65' N	004°15,98' E	R.L.	090,0°	0,0	10,4
27				36°34,65' N	004°15,98' E	R.L.	049,7°	5,2	10,4
28				36°38,00' N	004°20,88' E	R.L.	025,7°	2,2	5,2
29				36°39,94' N	004°22,04' E	R.L.	034,5°	1,6	3,1
30				36°41,26' N	004°23,16' E	R.L.	090,0°	0,0	1,5
31				36°41,26' N	004°23,16' E	R.L.	059,0°	1,5	1,5
32	Pilot Enbarking			36°42,03' N	004°24,74' E				

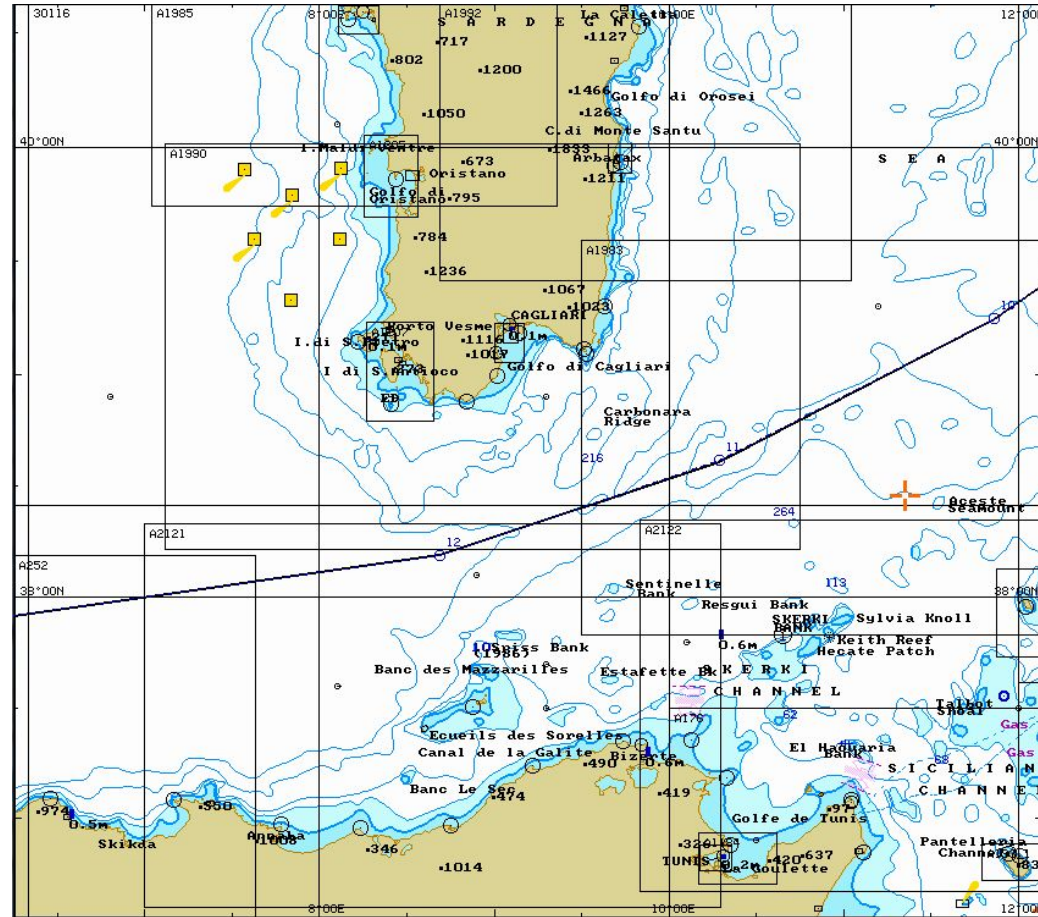
Steaming Time : 2,0 Days 18,0 Hours 2,73

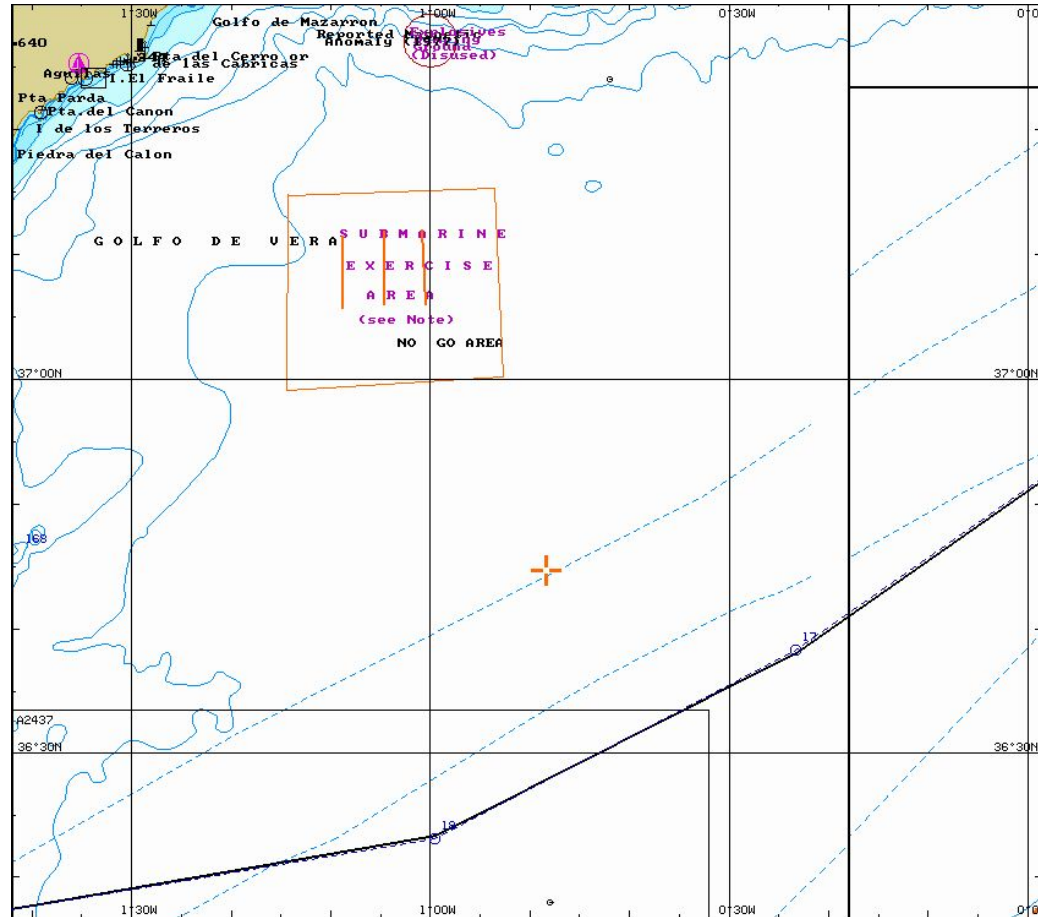


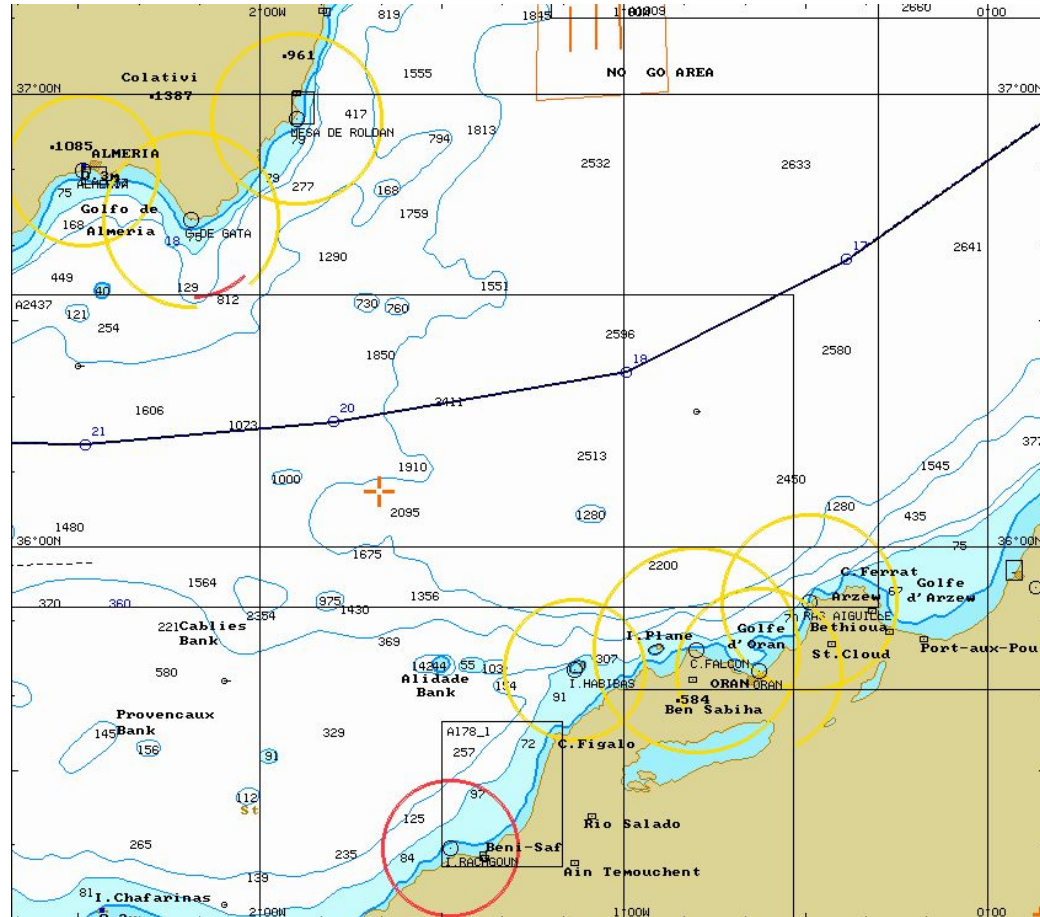


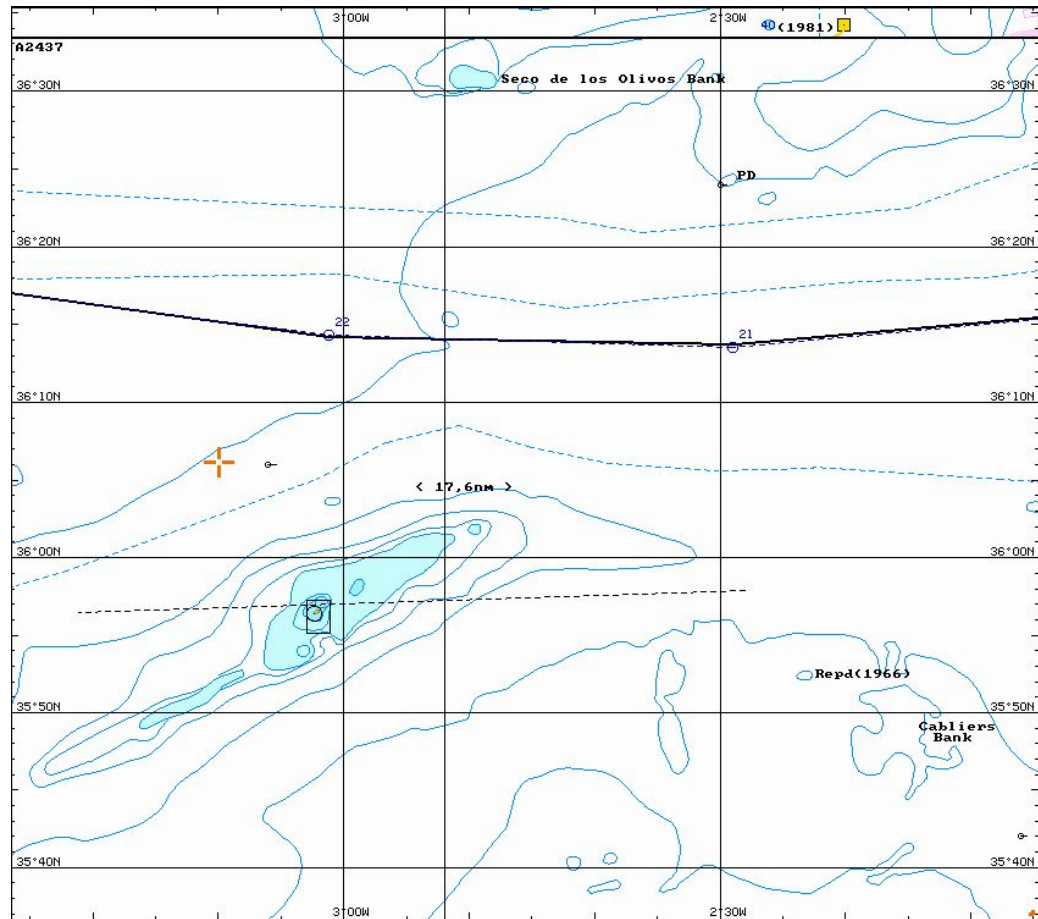


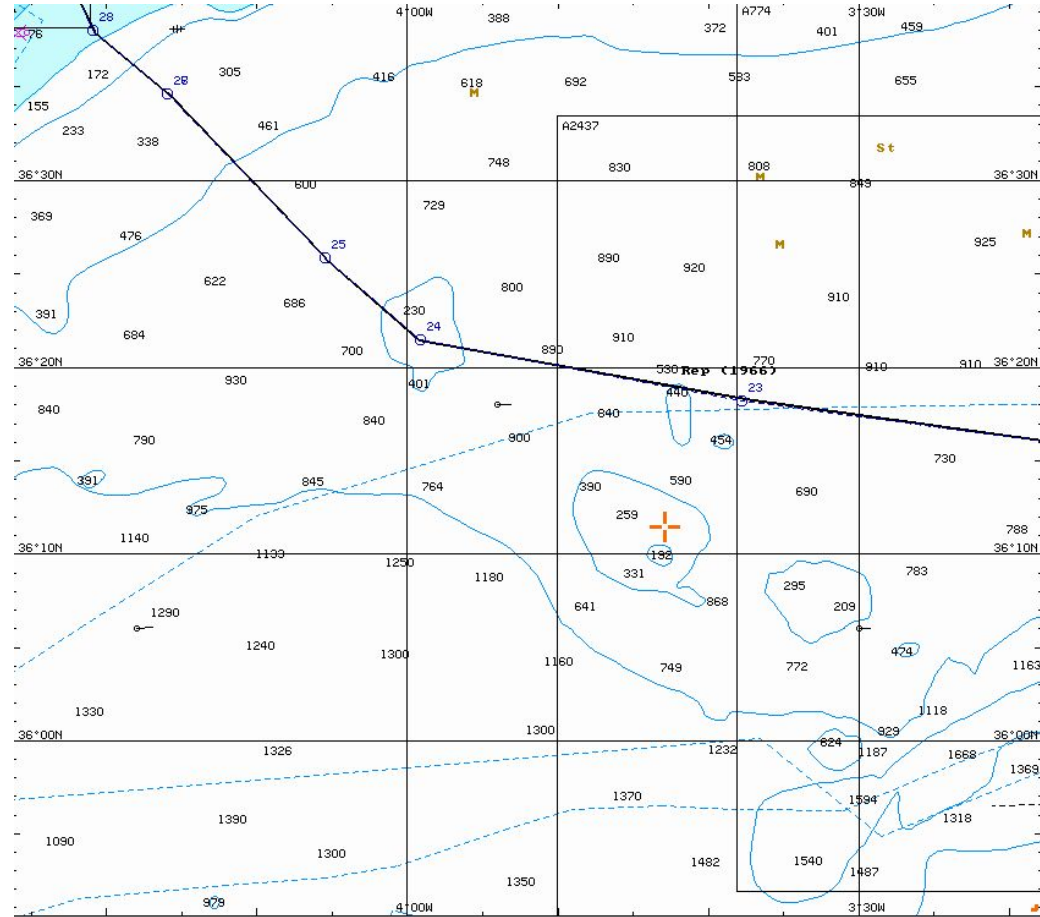


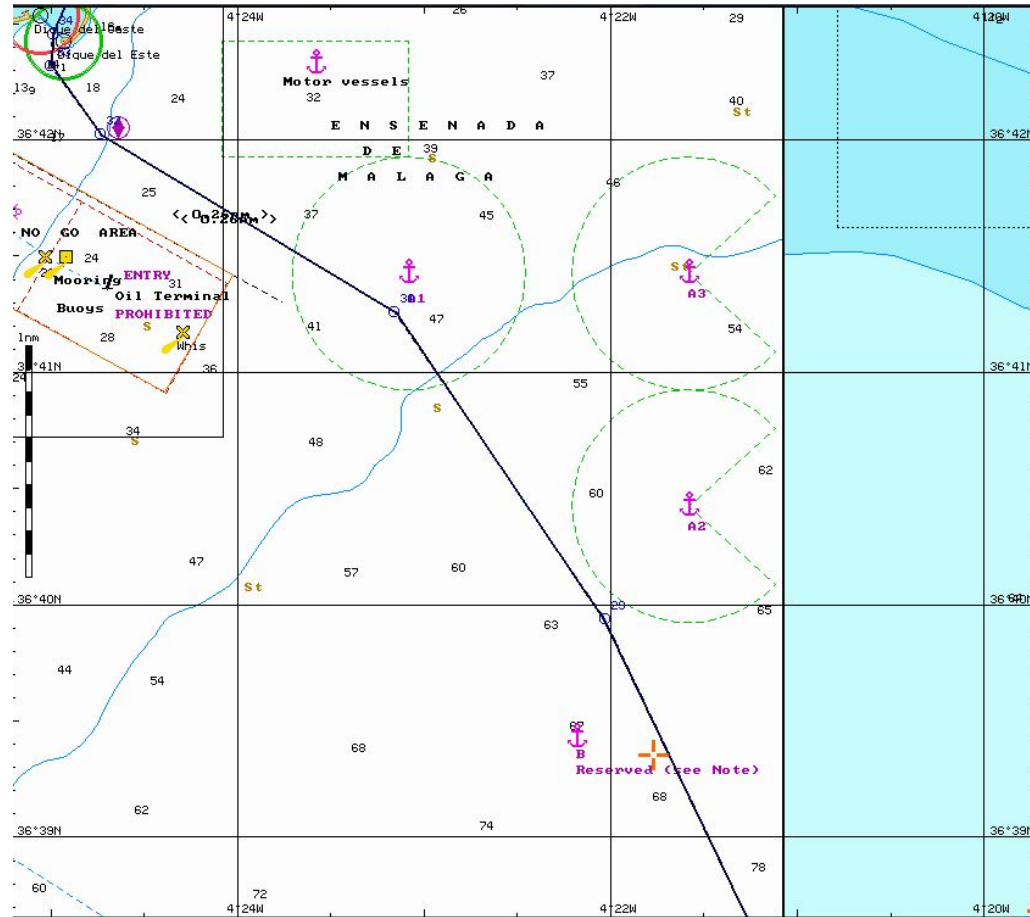














COLUMBIA SHIPMANAGEMENT

SNM D05 Master / Pilot Exchange

Document Manager

Voyage Information

SHIP IDENTITY:

Name: Call Sign: Flag:
IMO No: Year built: Ship's agent:
Ship type: Cargo type: Last Port:

COMMUNICATION INFORMATION:

MMSI: Tlx: Fax: Ocean Region:

PILOT BOARDING: PORT DATE

ETA: (date/time) Freeboard:

Boarding Station (if there is more than one)

SHIP PARTICULARS

Draught Fwd: Draught Aft: Draught Amidships:
Air Draught: Length: Beam: MUKC:
Displacement: Dwt.: Gross: Net:

ANCHORS

Port Anchor: Stbd Anchor: (length of cable available)

MANOEUVRING DETAILS AT CURRENT CONDITION

Full Speed: Half Speed:
Slow Speed: Min Steering Speed:
Propeller direction of turn: Controllable Pitch:
Number of Propellers: Number of Fwd Thrusters: Number of Aft Thrusters:

MAIN ENGINE DETAILS:

Type of Engine:
Maximum Number of Engine Starts: Critical Speed:



COLUMBIA SHIPMANAGEMENT

SNM D06 Pilot Card

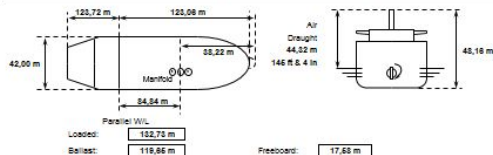
Document Manager

Voyage Information

SHIP'S PARTICULARS:

PORT: Malaga IN LOU

Name:	Kobok	Call sign:	H80H7	Flag:	Armenia	Year Built:	2002
Displacement:	73 895 MT	Deadweight:	60 533 MT	GRT:	67 878		
Length OA:	246.78 m	Breadth:	42.00 m	Bulbous bow:	Yes		
Draught Pwd:	8.00 m	Draught At:	9.06 m	Draught Amidships:	7.65 m		
Port Anchor:	13 Shackles	Star Anchor:	13 Shackles	(1 shackles = 27.5 m ~ 15 fathoms)			



ENGINE:				Fuel Oil	Maximum power:	13,630 KW / 26320 BHP
Type:				rpm / pitch	Loaded Speed	Ballast Speed
Full Ahead	78	13.58 kts	14.68 kts			
Half Ahead	81	10.79 kts	12.32 kts			
Slow Ahead	40	8.93 kts	7.87 kts			
Dead Slow Ahead	55	6.84 kts	8.47 kts			
Dead Slow Astern	55					
Slow Astern	40					
Half Astern	81					
Full Astern	78	68	(% of full ahead power)			
				Max No of Consecutive Starts:	21	
				Time Full Ahead to Full Astern:	616 sec	
				Time Limit Astern:	N/A	
				Engine Critical RPM:	45-62	

STEERING:						
Rudders:	1	(number)	Semi - Balanced Steam Line	(type)	58°	Maximum Angle
Time Head-Over-to-Head-Over:	38° Star - 50° Port	(34.83 sec)				Rudder angle for neutral effect: 2° Port
Propellers:	1	(number)	Direction of Turn:	Right		Controlable Pitch: N/A
Thrusters:	N/A	(number)	Slow Power:	N/A	(kW/HP)	Stem Power: N/A
Steering Peculiarities: Min Steering Speed: 3.8 kts						

EQUIPMENT CHECKED & READY FOR USE:					
Anchors	<input type="checkbox"/>	Cleared away	<input type="checkbox"/>	Whistle	<input type="checkbox"/>
X-Band radar	<input type="checkbox"/>	ARPA	<input type="checkbox"/>	Flags	<input type="checkbox"/>
S-Band radar	<input type="checkbox"/>	ARPA	<input type="checkbox"/>	VHF	<input type="checkbox"/>
Speed log	<input type="checkbox"/>	Water/Ground	<input type="checkbox"/>	AIS	<input type="checkbox"/>
Echo sounder	<input type="checkbox"/>			Mooring winches and lines	18
Electronic position - fixing	<input type="checkbox"/>	Type	DGP 8	Rudder/RPM/ROT indicators	<input type="checkbox"/>
Compass system	<input type="checkbox"/>	Gyro compass error	0°	Engine telegraphs	<input type="checkbox"/>
Steering gear	<input type="checkbox"/>	Number of power units in use	2		

Columbia Shipmanagement requires a minimum LWL to be maintained as follows:	
- 10% of the deepest draft when the vessel is alongside the berth	MURK 1.08 m
- 15% of the deepest draft when navigating under pilotage and in confined waters	Speed Limit 18.4 kts
- 25% of the deepest draft when navigating in open waters	Squat 6.4 m

EQUIPMENT DEFECTS RELEVANT TO SAFE NAVIGATION & OTHER IMPORTANT DETAILS:
NIL

Masters Name: H.Petrosyan Pilots Name: Date: 21.06.2016

