GMDSS STATIONS AND INFO

Honolulu JRCC MMSI 003669993..../ *Okinawa(Naha MRCC) MMSI 004311101*.....

Shanghai MRCC MMSI 004122100.....

WAYPOINTS (If ECDIS is fitted onboard and is used as a primary means of navigation the WAYPOINTS to be extracted, printed out and attached hereby instead of the below table)

CHARTS	LATITUDE	LONGITUDE	COURSE	DISTANCE nm	POSITION FIXING INTERVALS	REMARKS / INFORMATION / HAZARDS
Kawaihae P/Stn	*To*	*CJK P/Stn No. 1*				
BA 1309/1490	20-03.3 N	155-51.53 W			30 Mins	Kawaihae P/Stn
BA 1510/1309	18-10.0 N	159-14.0 W	240	233.3	60 Mins	ECA Exit Point
BA 1510	18-30.0 N	161-30.0 W	279	131.4	60 Mins	NPO/Start GC
BA 4809	19-59.0 N	165-00.0 W	294	218.4	60 Mins	NPO/GC
BA 4809	21-56.3 N	170-00.0 W	293	305.2	60 Mins	GC/NPO
BA 4809	23-41.6 N	175-00.0 W	291	297.4	60 Mins	GC/NPO
BA 4809	25-14.8 N	180-00.0 W	289	289.9	60 Mins	IDL/NPO
BA 4521/4809	26-35.8 N	175-00.0 E	287	283.1	60 Mins	GC/NPO
BA 4521	27-44.7 N	170-00.0 E	284	277	60 Mins	GC/NPO
BA 4521	28-41.6 N	165-00.0 E	282	271.7	60 Mins	GC/NPO
BA 4521	29-26.6 N	160-00.0 E	280	267.4	60 Mins	GC/NPO
BA 4521/4510	30-00.0 N	155-00.0 E	277	264	60 Mins	NPO/End GC
BA 4509/2347	30-20.0 N	140-20.0 E	272	764.9	60 Mins	Tori Shima
BA 3237/2412	30-55.0 N	131-00.0 E	274	485.6	60 Mins	Osumi Kaikyo
BA 2412/1199	31-07.8 N	123-00.0 E	272	413.6	60 Mins	Approach
BA 1199	31-07.8 N	122-36.6 E	270	20	30 Mins	CJK P/Stn #2
BA 1199/1602	31-06.6 N	122-25.5 E	263	9.6	15 Mins	CJK P/Stn #1(N)
1603/1604						
			DISTANCE	**4525 NM**		
Position Fixing Method:				Primary:GPS		Secondary:RADAR, RANGE/BEARING

Instruction: Voyage charts must include general, large, small scale and approaches port river plans.

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DIRECTION OF CURRENTS EXPECTED DURING PASSAGE

NORTH SUB-TROPICAL CURRENT sets Westerly
NORTH EQUATORIAL CURRENT sets Westerly
JAPAN KURO SHIO sets North Easterly
EAST CHINA SEA sets South Westerly

NO GO AREAS (created in ECDIS using User Map, indicate the "no go areas" file name)

No	LATITUDE	LONGITUDE	RADIUS IN MILES	REMARKS
1	*30-48.0 N*	*124-36.0 E*	*3.0*	*WRECK*
	OTHER NO GO	*AREA PLOTTED*	*ON CHART*	*BA 3237/4510/4521*

PREVAILING WEATHER AND WINDS IN VOYAGE AREAS

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LAND MARKS (COASTAL/ISLAND) FOR CHECKING POSITION BY RADAR & PARALLEL INDEX (created in ECDIS using User Map, indicate the "parallel index" file name)

1. SUWANOSHI SHIMA ISLAND 194°x4.7 nm

2. NAKANO SHIMA ISLAND 007°x5.0 nm

REPORTING POINTS

No	LATITUDE	LONGITUDE	STATION (REPORTING CENTER)	V.H.F. CH.
	--NIL	*DURING*	*PASSAGE--*	

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UNDER KEEL CLEARANCE CALCULATION
OCEAN PASSAGES / OPEN SEA

Draft fwd : (a)	10.06 m	Controlling Depth : (j)	133 m
Draft aft : (b)	10.07 m	Effect of Tide : (k)	1.50 m
Trim mtrs : (c)	0.01 m	Effect of Swell : (l)	4.00 m
Deepest draft: (d)	10.07 m	Static Depth : (m)	130.5 m
Increase in draft due to heel: (e)	13.07 m	Actual Draft : (n)	14.21 m
Speed : (f)	12.0 kts	**UKC : (o)**	118.8 m
Effect of Squat: (g)	1.14 m	*** If (o) IS LESS THAN (i) OPERATIONS DPT. TO BE INFORMED IMMEDIATELY & A RA DRAFTED.**	
Actual Draft : (h)	14.21 m		
15% of Actual Draft (min 2m): (i)	2.13 m		

UNDER KEEL CLEARANCE CALCULATION
FAIRWAYS / CONFINED / COASTAL / RESTRICTED WATERS

Draft fwd : (a)	9.98 m	Controlling Depth : (j)	12.5 m
Draft aft : (b)	10.02 m	Effect of Tide : (k)	3.00 m
Trim mtrs : (c)	0.04 m	Effect of Swell : (l)	0.50 m
Deepest draft: (d)	10.02 m	Static Depth : (m)	15.0 m
Increase in draft due to heel: (e)	11.02 m	Actual Draft : (n)	12.03 m
Speed : (f)	8.0 kts.	**UKC : (o)**	2.97 m
Effect of Squat: (g)	1.01 m	*** If (o) IS LESS THAN (i) OPERATIONS DPT. TO BE INFORMED IMMEDIATELY & A RA DRAFTED.**	
Actual Draft : (h)	12.03 m		
10% of Actual Draft (min 1m): (i)	1.20 m		

UNDER KEEL CLEARANCE CALCULATION
ALONGSIDE / CBM / SBM

Draft fwd : (a)	10.23 m	Controlling Depth : (j)	11.9 m
Draft aft : (b)	10.25 m	Effect of Tide : (k)	3.00 m
Trim mtrs : (c)	0.02 m	Effect of Swell : (l)	0.00 m
Deepest draft: (d)	10.25 m	Static Depth : (m)	14.9 m
Increase in draft due to heel: (e)	11.25 m	Actual Draft : (n)	11.25 m
Speed : (f)	0.00 kts	**UKC : (o)**	3.65 m
Effect of Squat: (g)	0.00 m		
Actual Draft : (h)	11.25 m		
1.5% of ship's beam (min 0.3m) : (i)	0.17 m		

NOTES

(a) - (b) = (c)
(e) + (g) = (h)
(j) + (k) – (l) = (m)
(m) - (n) = (o)

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ECDIS Additional Parameters (If ECDIS is used as a primary means of Navigation)	
Safety Contour (in metres)	
Safety Depth (in metres)	

C. PILOTAGE IN - BOUND

Pilot Boarding area position	31-06.6 N 122-25.5 E CJK P/Stn #1 North		
Date / Time	12 OCTOBER 2016	Max. Draft	10.02 M

CROSS WHEN PASSED	WAY POINTS	TIME	ALTER COURSE TO	DISTANCE NM	UNDER KEEL CLEARANCE	POSITION FIXING INTERVALS	LAND MARK / REMARKS
X	2		267	6.4		5 Mins	CJK P/S #1 (N)
X	3		257	1.6		5 Mins	Buoy D8
X	4		270	4.6		5 Mins	Racon G
X	5		305	12.5		5 Mins	Buoy D24
X	6		293	1.4		5 Mins	Buoy D26
X	7		281	11.5		5 Mins	Buoy D36
X	8		293	7.7		5 Mins	Buoy #45
X	9		299	13.3		5 Mins	Buoy #69
X	10		318	5.6		5 Mins	Buoy #79
X	11		302	5.7		5 Mins	Buoy #87
X	12		321	6.0		5 Mins	Buoy #5
X	13		310	5.0		5 Mins	Buoy #8-1
X	14		302	1.5		5 Mins	Approach
X	15		267	0.7		5 Mins	Berth
	Total Distance: 84 NM				Approximate Steaming Time: 10 Hrs		
	Position Fixing Method		Primary: GPS			Secondary: RADAR, BRG.	

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NO GO AREAS

No	LATITUDE	LONGITUDE	RADIUS IN MILES	REMARKS
1	31-05.5 N	122-33.0 E	1.4	OUTBOUND TRAFFIC/TSS
2	31-07.4 N	122-20.0 E	1.2	CHANGJIANG KOU SHOALS
3	31-04.1 N	122-23 E	2.1	SPOIL GROUND
	OTHER NO GO	AREA ARE	PLOTTED ON CHART	BA 1199/1602/1603/1604

REPORTING POINTS

No	LATITUDE	LONGITUDE	STATION (REPORTING CENTER)	V.H.F. CH.
1	31-07.0 N	123-00.0 E	NORTH PILOT STATION	69/06
2	31-13.7 N	122-40.0 E	WUSONG VTS	08/09

NAVTEX WARNINGS CONCERNING THE AREA OF ARRIVAL

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LAND MARKS (COASTAL/ISLAND) FOR CHECKING POSITION BY RADAR & PARALLEL INDEX

1. RACON O 164°x0.5 nm
2. RACON X 000°x0.00 nm
3. HENGSHA DAOAIS LT. 023°x1.4 nm
4. BAOSHAN NO. 1 BUOY 228°x0.9 nm

DIRECTION AND SPEED OF CURRENTS EXPECTED DURING APPROACHING

DATE	FROM	TO	DIRECTION	SPEED	REMARKS
	APPROACH TO	BEICAO SHUIDAO	SE'ly—SW'ly	1-3 kts	-0600 to -0300
		CHANNEL	SW'ly—NW'ly	1-2.5 kts	-0300 to HighWater
	UP TO	NANTONG	NW'ly—NE'ly	1-2 kts	-HighWater to +0300
			NE'ly—ESE'ly	1-2.5 kts	+0300 to +0200
	APPROACH TO	BEICAO SHUIDAO	SE'ly—SW'ly	1-3 kts	-0600 to -0300
	Additional Details	Plz. See NP 32	Pp. 296-297		

Note: All vital information for pilotage is to be taken from charts and Admiralty sailing Directions

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