



भारत सरकार/ GOVERNMENT OF INDIA
पत्तन, पोत परिवहन और जलमार्ग मंत्रालय
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
नौवहन महानिदेशालय, मुंबई
DIRECTORATE GENERAL OF SHIPPING, MUMBAI



MS Notice 09 of 2022

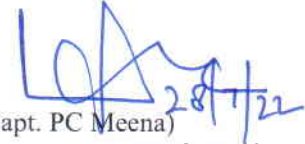
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Date – 28.07.2022

Sub: Establishment of Traffic Separation Scheme [TSS] in GoK and its outer approaches – reg.

The Gulf of Kutch [GoK] area has number of ports and terminals due to which large number of vessels operate in the area making it one of the busiest shipping routes in Indian waters.

2. The large number of merchant vessels and other smaller vessels operating in the area has resulted in some of the accidents in recent past. The accidents have resulted in loss of property and environmental pollution.
3. Considering these accidents in GoK waters, it has become imperative to establish a Traffic Separation System in the area that will not only ensure improvement in safety of navigation, avoidance of collision, ease in flow of traffic and the avoidance of areas of heavy traffic, but also improve safety of life, property and the environment.
4. In view if the foregoing, extensive consultations were held with the stakeholders of the region and the existing Deep Water [DW] route is replaced by a Traffic Separation Scheme [TSS] and existing safety fairway on approaches to GoK is also replaced with revised safety fairway with following coordinates [Appendix-I] in GoK region. The said coordinates have been reproduced on INT Chart No – 2068/202/203 (Annexure - II. Not to be used for Navigation) for reference.
5. All shipping traffic in the region are to use the traffic separation scheme, so that safety of life, property and the environment can be improved in the region.
6. This Merchant Shipping Notice comes into force with effect from 1st September 2022 (01/09/2022) and is issued with the approval of the competent authority.


(Capt. PC Meena)

Nautical Surveyor-cum-DDG [Tech.]

TSS – GoK

Traffic Separation Scheme [TSS]

LEG – 1: TSS (GoK)

Traffic separation lines			Traffic separation zone/lines		
Coordinate Number	Latitude (N)	Longitude (E)	Coordinate Number	Latitude (N)	Longitude (E)
A	22°37.40'	069° 10.00'	a	22° 38.38'	069° 10.00'
B	22° 39.10'	069° 10.00'			
C	22° 34.50'	069° 16.60'	c	22° 35.35'	069° 16.80'
D	22° 36.20'	069° 16.60'			
E	22° 34.40'	069° 19.70'	e	22° 35.30'	069° 19.20'
F	22° 36.10'	069° 18.40'			
G	22° 39.00'	069° 27.60'	g	22° 37.95'	069° 27.60'
H	22° 36.85'	069° 27.60'			
I	22° 39.00'	069° 32.40'	i	22° 38.30'	069° 32.40'
J	22° 37.30'	069° 32.20'	j	22° 38.05'	069° 32.30'
K	22° 37.40'	069° 37.70'	k	22° 36.70'	069° 37.35'
L	22° 35.70'	069° 37.20'	l	22° 36.40'	069° 37.35'
M	22° 37.50'	069° 40.00'	m	22° 36.50'	069° 40.00'
N	22° 35.35'	069° 40.00'	n	22° 36.25'	069° 40.00'
O	22° 37.65'	069° 42.60'	o	22° 36.75'	069° 43.20'
P	22° 35.65'	069° 43.82'	p	22° 36.50'	069° 43.35'

LEG -2: TSS (GOK)

Traffic separation lines			Traffic separation zone/Lines		
Coordinate Number	Latitude (N)	Longitude (E)	Coordinate Number	Latitude (N)	Longitude (E)
M'	22° 08.90'	068° 45.50'	m'	22° 08.90'	068° 46.60'
N'	22° 08.90'	068° 48.05'	n'	22° 08.90'	068° 47.00'
P'	22° 17.00'	068° 45.50'	p'	22° 16.60'	068° 46.60'
O'	22° 16.30'	068° 48.05'	o'	22° 16.50'	068° 47.00'
1	22° 29.90'	068° 51.50'	2	22° 28.50'	068° 51.95'
4	22° 26.50'	068° 52.75'	3	22° 27.90'	068° 52.20'
5	22° 35.50'	068° 54.00'	6	22° 35.05'	068° 54.80'
8	22° 34.10'	068° 56.10'	7	22° 34.70'	068° 55.20'
12	22° 38.20'	068° 56.70'	11	22° 37.21'	068° 57.19'
9	22° 36.00'	068° 58.10'	10	22° 37.00'	068° 57.55'
13	22° 38.70'	069° 00.70'			
15	22° 37.15'	069° 01.00'	14	22° 37.90'	069° 00.80'
17	22° 38.90'	069° 04.80'	25	22° 37.90'	069° 05.00'
16	22° 37.15'	069° 05.00'	18	22° 39.85'	069° 05.00'
20	22° 41.20'	069° 05.00'	19	22° 40.20'	069° 05.00'
21	22° 53.00'	068° 43.00'	22	22° 51.50'	068° 43.40'
23	22° 49.50'	068° 44.20'	24	22° 51.00'	068° 43.60'

Leg- 3: Safety Fairway (Approaches to GoK)

Safety Fairway		
Way point	Latitude (N)	Longitude (E)
A	21 ⁰ 35.70'	068 ⁰ 57.00'
B	21 ⁰ 36.40'	068 ⁰ 59.00'
C	22 ⁰ 03.10'	068 ⁰ 47.20'
D	22 ⁰ 06.00'	068 ⁰ 48.40'
E	21 ⁰ 51.00'	068 ⁰ 25.00'
F	21 ⁰ 53.20'	068 ⁰ 25.00'
G	22 ⁰ 04.10'	068 ⁰ 45.00'
H	22 ⁰ 04.10'	068 ⁰ 30.00'
I	22 ⁰ 05.30'	068 ⁰ 25.00'
J	22 ⁰ 07.20'	068 ⁰ 25.00'
K	22 ⁰ 06.10'	068 ⁰ 30.00'
L	22 ⁰ 06.10	068 ⁰ 43.00'

