



**MARINE SAFETY AND SECURITY
INFORMATION BULLETIN
(MSIB) 13-04**



20 May, 2013

U.S. Department of Homeland Security, Coast Guard Sector San Francisco

**Vessel Traffic Service San Francisco Implementation of
Changes to the San Francisco Offshore Traffic Separation Scheme**

District 11 Local Notice to Mariners (LNM) 16/13 announced the International Maritime Organization (IMO) approved amendments to the size and orientation of the San Francisco Traffic Separation Scheme (TSS). This MSIB promulgates the Vessel Traffic Service (VTS) San Francisco implementation procedures for the TSS changes. The amended TSS and updated VTS procedures go into effect at **1701 local, 31 May, 2013** (0001 GMT, 1 June, 2013).

The approved coordinates for the TSS amendments are provided in the District 11 LNM 16/13 (<http://www.navcen.uscg.gov/pdf/lnms/lnm11162013.pdf>). A graphic depicting the amendments is provided as Enclosure (1) to this MSIB. A general description of the TSS amendments is as follows:

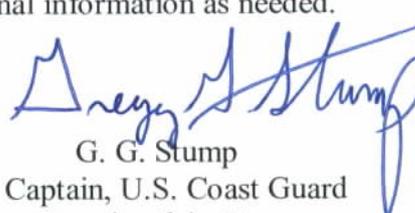
Northern Approach: The TSS amendment narrows the Northern approach from its flared configuration to a consistent 3 nautical mile (nm) width that includes a 1nm separation zone and two 1nm wide traffic lanes. The Northern approach is extended by 18.2 nm.

Western Approach: The TSS amendment narrows the Western approach from its flared configuration to a consistent 3nm overall width which includes a 1nm separation zone and two traffic lanes with a width of 1nm for each lane. The Western approach is extended by 5.9 nm.

Southern Approach: The TSS amendment extends the Southern approach 8.5 nm with no change in traffic lane width or separation zone width.

The VTS San Francisco offshore reporting procedures have been adjusted to modify reporting waypoints and waypoint designators for each Approach Lane. Vessels must report vessel name, position, true course and speed, and estimated time of arrival to each subsequent waypoint upon entering the TSS inbound and outbound. Detailed reporting procedures and the waypoint list are included as Enclosures (2) and (3) to this MSIB. Waypoint designators correspond with the World VTS Guide numbering scheme for the San Francisco Offshore TSS.

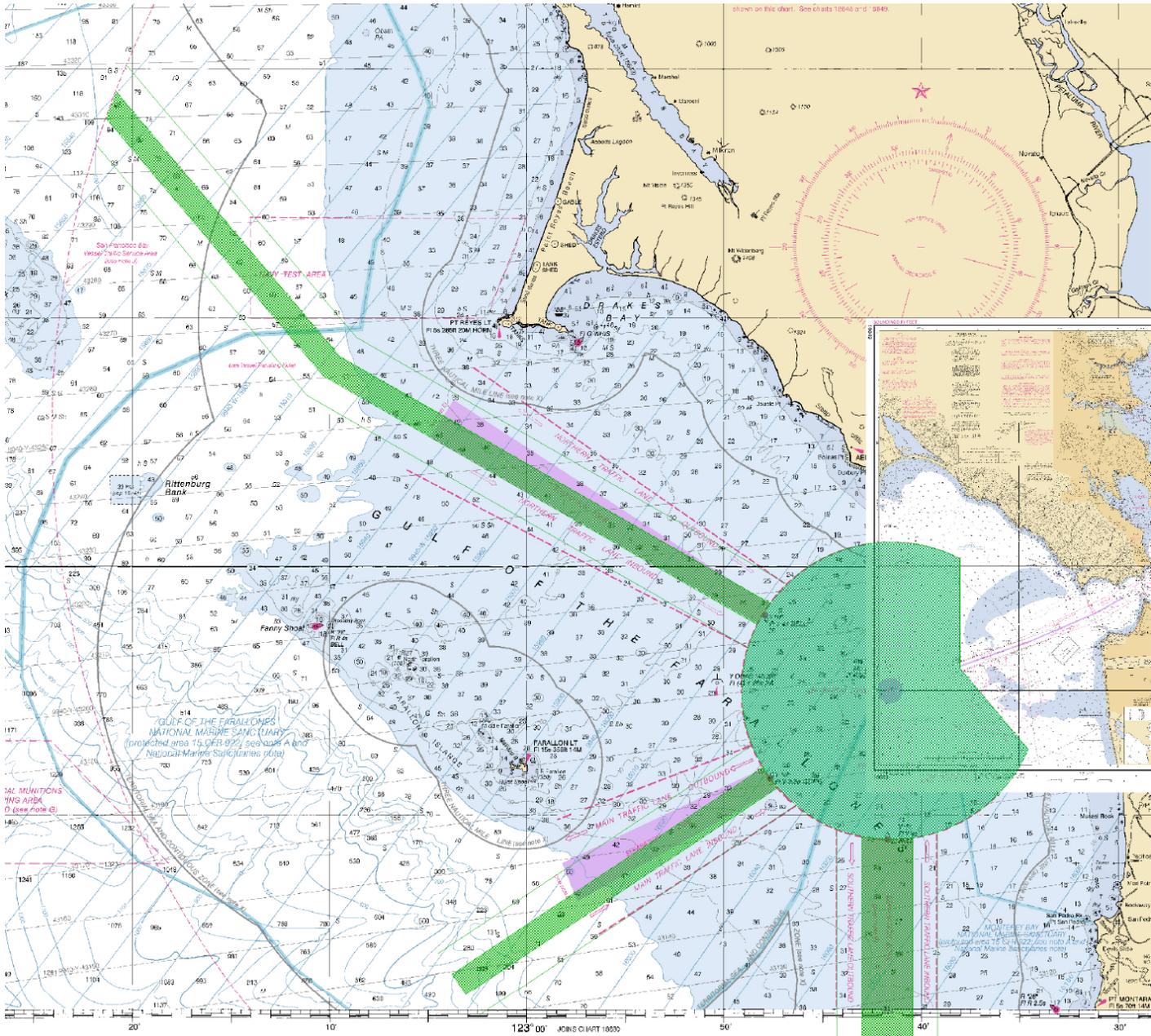
Mariners should contact Mr. Sean Kelley, VTS San Francisco Director, at (415) 399-7402 or Sean.E.Kelley@uscg.mil for additional information as needed.


G. G. Stump
Captain, U.S. Coast Guard
Captain of the Port

Enclosure 1: TSS Amendments Graphic

Enclosure 2: Reporting Procedures – VTS San Francisco Offshore Sector

Enclosure 3: Waypoint List – VTS San Francisco Offshore Sector



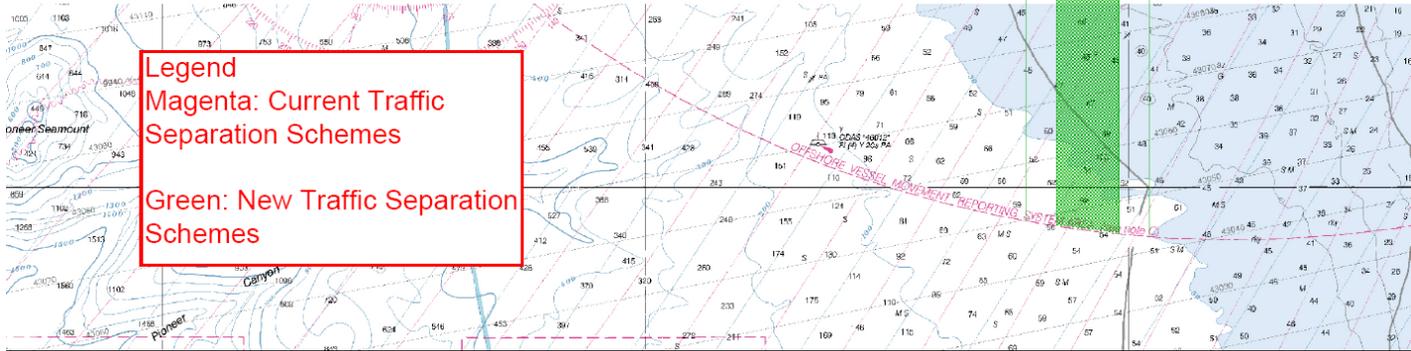
Published at Washington, D.C.
 DEPARTMENT OF COMMERCE
 NAUTIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL OCEAN SERVICE
 COAST SURVEY

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DEPTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
4481	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
4482	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

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Reporting Procedures - VTS San Francisco Offshore Sector

References Refer to the following documents.

1. VTS San Francisco Offshore Sector Waypoint List.
2. IMO Standard Ship Reporting System (SSRS).

Procedure Report the following to VTS at the designated waypoints (WP).

Note: **SFSB** is San Francisco Sea Buoy and Offshore Pilot Boarding Area.

INBOUND

1st Waypoint - VTS Boundary Line

WP...	Report to VTS...					
3N	Vessel Name	Position	True Course	True Speed	ETA 2nd WP	ETA SFSB
3W	IMO SSRS	IMO SSRS	IMO SSRS	IMO SSRS	IMO SSRS	IMO SSRS
3S	<i>ALPHA</i>	<i>CHARLIE</i>	<i>ECHO</i>	<i>FOXTROT</i>	<i>NOVEMBER</i>	<i>BRAVO</i>

2nd Waypoint – Midpoint Along Route

WP...	Report to VTS...					
2N	Vessel Name	True Course	True Speed	ETA SFSB		
2W	IMO SSRS	IMO SSRS	IMO SSRS	IMO SSRS		
2S	<i>ALPHA</i>	<i>ECHO</i>	<i>FOXTROT</i>	<i>BRAVO</i>		

3rd Waypoint - November, Whisky, or Sierra Buoy

WP...	Report to VTS...					
1N	Vessel Name	ETA SFSB	Route to SFSB			
1W	IMO SSRS	IMO SSRS	IMO SSRS			
1S	<i>ALPHA</i>	<i>BRAVO</i>	<i>LIMA</i>			

OUTBOUND

1st Waypoint – November, Whisky, or Sierra Buoy

WP...	Report to VTS...					
6N	Vessel Name	Position	True Course	True Speed	ETA 2nd WP	ETA 3rd WP
6W	IMO SSRS	IMO SSRS	IMO SSRS	IMO SSRS	IMO SSRS	IMO SSRS
6S	<i>ALPHA</i>	<i>CHARLIE</i>	<i>ECHO</i>	<i>FOXTROT</i>	<i>NOVEMBER</i>	<i>KILO</i>

2nd Waypoint – Midpoint along route

WP...	Report to VTS...					
5N	Vessel Name	True Course	True Speed	ETA 3rd WP		
5W	IMO SSRS	IMO SSRS	IMO SSRS	IMO SSRS		
5S	<i>ALPHA</i>	<i>ECHO</i>	<i>FOXTROT</i>	<i>KILO</i>		

3rd Waypoint – VTS Area Boundary Line

WP...	Report to VTS...					
4N	Vessel Name					
3W	IMO SSRS					
4S	<i>ALPHA</i>					

Waypoint List – VTS San Francisco Offshore Sector

Explanation Use these waypoint references when reporting to VTS.

Table 1 – Inbound Waypoints (WP)

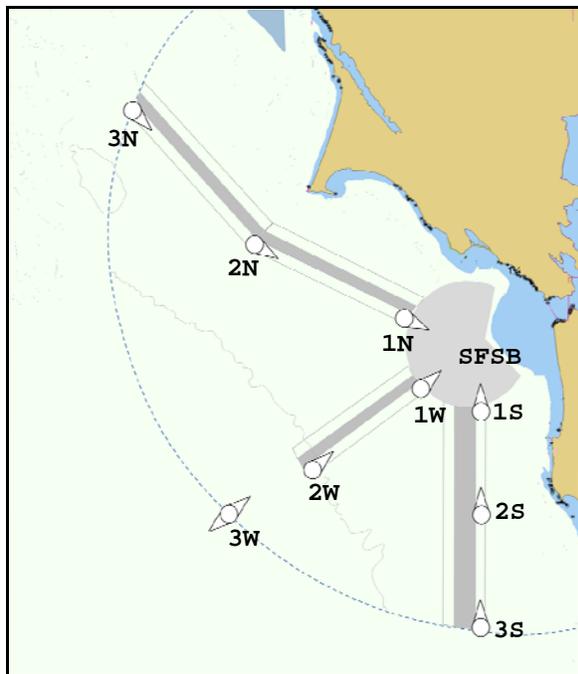
WP	Geographic description	Latitude	Longitude
1N	Northern TSS. Passing N Buoy. Entering Offshore Precautionary Area.	37°47.183 N	122°48.533 W
2N	Northern TSS. Passing Pt. Reyes.	37°57.283 N	123°10.733 W
3N	VTS Northern Limit. Entering VTS Area.	38°07.483 N	123°21.583 W
1W	Western TSS. W Buoy. Entering Offshore Precautionary Area.	37°40.733 N	122°46.783 W
2W	Western TSS.	37°32.367 N	123°02.783 W
3W	VTS Western Limit. Entering VTS Area.	37°29.437 N	123°10.703 W
1S	Southern TSS. Passing S Buoy. Entering Offshore Precautionary Area.	37°39.183 N	122°39.787 W
2S	Southern TSS. Passing Piller Point.	37°30.000 N	122°39.900 W
3S	VTS Southern Limit. Entering VTS Area.	37°18.400 N	122°39.767 W

Table 2 – Outbound Waypoints (WP)

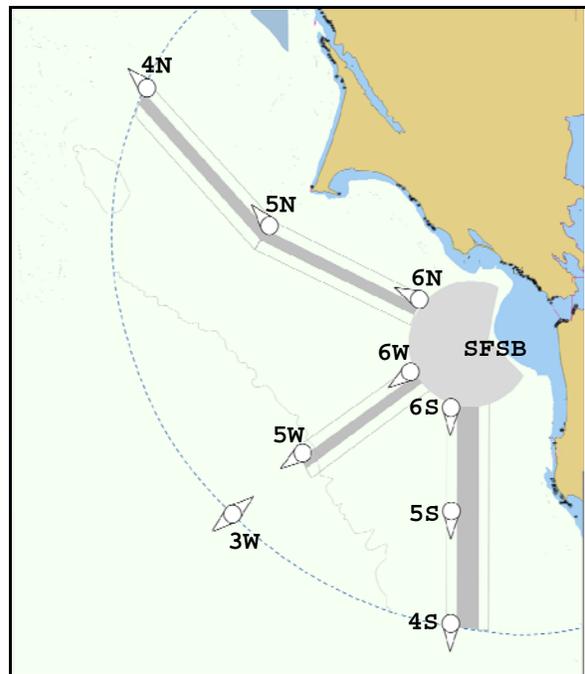
WP	Geographic description	Latitude	Longitude
4N	VTS Northern Limit. Exiting VTS Area.	38°09.617 N	123°20.550 W
5N	Northern TSS. Passing Point Reyes.	37°58.833 N	123°09.083 W
6N	Northern TSS. Passing N Buoy.	37°48.900 N	122°47.217 W
3W	VTS Western Limit. Exiting VTS Area.	37°29.437 N	123°10.703 W
5W	Exiting Western TSS. Crossing continental shelf.	37°33.950 N	123°04.133 W
6W	Western TSS.	37°42.350 N	122°48.267 W
4S	VTS Southern Limit. Exiting VTS Area.	37°18.800 N	122°43.633 W
5S	Southern TSS. Passing Piller Point.	37°30.000 N	122°43.633 W
6S	Southern TSS.	37°39.267 N	122°43.633 W

Diagrams These diagrams depict the waypoints described above.

Note: **SFSB** is San Francisco Sea Buoy and Offshore Pilot Boarding Area.



Inbound



Outbound