


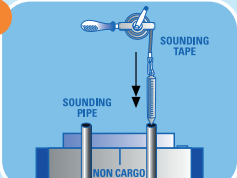
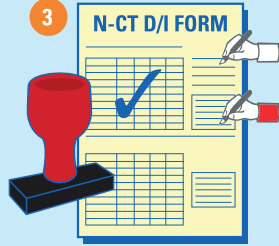
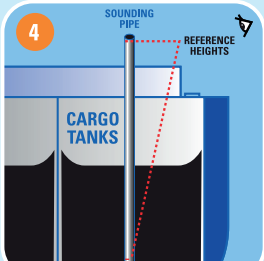
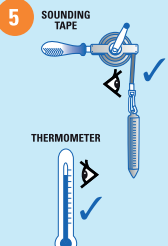
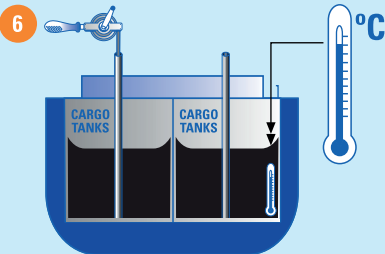



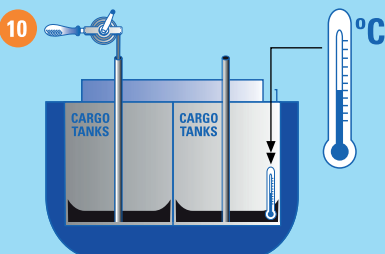
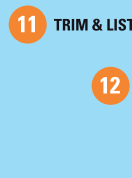








# QUANTITY MEASUREMENT PROCEDURES (KEY STEPS)

## LEGEND



**Chief Engineer** should check and ensure that SS600's pre-delivery conference and documentation procedures are carried out.

	Non-Cargo Tank Declaration / Inspection Form	Non-Cargo Tank Declaration / Inspection Form	Opening Tank Gauging
<b>BEFORE BUNKERING</b>	<p><b>1</b> <b>Declare</b> the contents and measurements of non-cargo tanks of bunker tanker in Part I of the Non-Cargo Tank Declaration / Inspection Form.</p> <p><b>2</b> <b>Inspect / Gauge</b> the non-cargo tanks and <b>Verify</b> Cargo Officer's declaration.</p>  	<p><b>3</b> <b>Sign and Stamp</b> on Part I of the Non-Cargo Tank Declaration / Inspection Form.</p> 	<p><b>4</b> <b>Verify</b> the Reference Heights of cargo oil tanks of bunker tanker.</p> <p><b>5</b> <b>Check</b> measurement equipment.</p>  
<b>BEFORE BUNKERING</b>	<p><b>6</b> <b>Witness and Confirm</b> the opening tank gauging and cargo temperature readings of <b>All</b> cargo oil tanks.</p> 	<p><b>7</b> <b>Determine</b> the Trim &amp; List of the bunker tanker.</p> <p><b>8</b> <b>Record</b> all reference heights, gauging, trim &amp; list of bunker tanker and cargo temperatures in the Tank Gauging / Calculation Form.</p>  	<p><b>9</b> <b>Confirm</b> all readings and <b>Sign</b> the Tank Gauging / Calculation Form immediately after the opening gauge.</p> 
<b>AFTER BUNKERING</b>	<p><b>10</b> <b>Witness and Confirm</b> the closing tank gauging and cargo temperature readings of <b>All</b> cargo oil tanks.</p> 	<p><b>11</b> <b>CE/CO to repeat</b> Step 7</p> <p><b>12</b> <b>CO to repeat</b> Step 8</p> <p><b>13</b> <b>Complete and Sign</b> the Tank Gauging / Calculation Form.</p> <p><b>14</b> <b>Calculate</b> the delivered quantity.</p>    	<p><b>15</b> <b>CO to prepare</b> the Bunker Delivery Note.</p> <p><b>16</b> <b>Verify</b> the delivered quantity as stated in the Bunker Delivery Note.</p> <p><b>17</b> <b>Complete, Sign and Stamp</b> on the Bunker Delivery Note.</p>   

## IMPORTANT NOTES

- GAUGING TAPES WITH FLEECIBLE MARKINGS OR THAT ARE KINKED SHALL NOT BE USED.
- ONLY ASTM-APPROVED THERMOMETERS IN GOOD WORKING CONDITION SHALL BE USED.
- WATER CUT SHALL BE TAKEN BY USING WATER-INDICATING PASTE FOR ALL GRADES OF BUNKERS.
- OIL-INDICATING PASTE SHALL BE USED WHEN GAUGING MGO TANKS.
- DO NOT SIGN THE NON-CARGO TANK DECLARATION / INSPECTION FORM BEFORE VERIFYING THE NON-CARGO TANKS.
- DO NOT SIGN THE TANK GAUGING / CALCULATION FORM OR THE BUNKER DELIVERY NOTE BEFORE WITNESSING AND CONFIRMING THE TANK GAUGING AND CARGO TEMPERATURE READINGS OF ALL CARGO OIL TANKS OF THE BUNKER TANKER.
- IN THE EVENT OF A QUANTITY DISPUTE, INSPECT, GAUGE AND VERIFY ALL CARGO AND NON-CARGO TANKS OF THE BUNKER TANKER. IF THE DISPUTE REMAINS UNRESOLVED, RAISE A NOTE OF PROTEST.