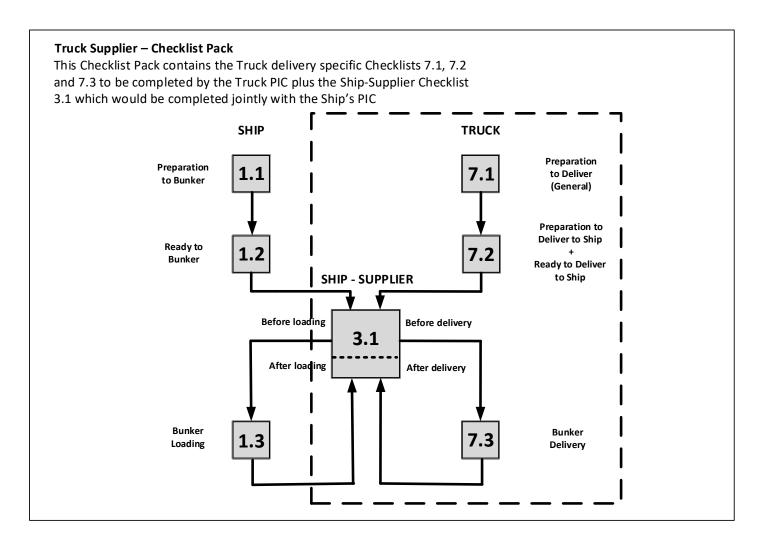
Truck Supplier

Checklist Pack

July 2020







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Checklist 7.1

Preparation to Deliver July 2020





| Truck | |
|---|--|
| Operating Company: | |
| Registration No.: | |
| Bunker Delivery Ports / Locations / Berths: | |
| Port Authority: | |
| Methanol Supplier | |
| Company Name: | |
| Bunker Supply Controlling Authority: | |
| Report Period | |
| Checklist Reference: | |
| Checklist Completion Date: | |
| Checklist Period of Validity: | |

| Tru | Truck - Preparation to Deliver (General) Checklist | | Completion by Truck PIC or oth authorised person | |
|-----|---|----------|---|---------|
| | | | Response | Remarks |
| 1 | Personnel | | | |
| .1 | Truck PIC - assigned Bunker Delivery Team – roles assigned, training completed | | Y / N | |
| | | | | |
| .2 | Name: R | ole: | Role Trained: | |
| | Т | ruck PIC | Y / N | |
| | | | Y / N | |
| | | | Y / N | |

| 2 | Authorization | | |
|----|--|-------|--|
| .1 | The Supplier is authorized by the relevant authority to supply Y / N | | |
| | methanol as a bunker product to ships at the ports / locations / | | |
| | berths where bunker delivery is to be undertaken | | |
| .2 | The Truck is authorized by the relevant authority to deliver | Y / N | |
| | methanol as a bunker product to ships at the ports / locations / | | |
| | berths where bunker delivery is to be undertaken | | |

| 3 | Emergency Preparedness – Bunker Delivery Locations / Truck | | |
|----|---|------------|--|
| .1 | A Risk Assessment has been performed to the satisfaction of the relevant authority – valid for the ports / locations / berths where bunker deliveries are to occur and the conditions under which that | Y / N | |
| - | delivery is to be undertaken | N/ / NI | |
| .2 | Emergency Response Procedure manual current, available to, and understood by, all Bunker Delivery Team personnel | Y / N | |
| .3 | ESD criteria established and documented for the bunkerings to be undertaken | Y / N | |
| .4 | Fire detection sensors at all bunker delivery locations to be used, as required by the relevant authority, cover the bunker delivery areas, together with associated alarms, confirmed in working order and tested | Y / N / NA | |
| .5 | Fixed firefighting equipment at all bunker delivery locations to be used, as required by the relevant authority, covers the bunker delivery areas confirmed in working order | Y / N / NA | |
| .6 | Portable firefighting equipment, as required by the relevant authority, is available at the bunker delivery locations | Y / N | |

| | | | N/ / NI | |
|-----|---|---|------------|--|
| .7 | Portable firefighting equipment, as required by the relevant | | Y / N | |
| | authority, is carried by the Truck | | | |
| .8 | Safety equipment at the bunker delivery | Shower | Y / N | |
| | locations, to the extent required by the relevant | stations | | |
| | authority: clear signage, unobstructed access, | Eye wash | Y / N | |
| | adequately stocked and functionality tested | stations | | |
| .9 | PPE available for Bunker Delivery Team personnel | in accordance | Y / N | |
| | with Bunker Delivery Procedure and all in required | l order | | |
| .10 | Fixed methanol vapour detection sensors at the bu | unker delivery | Y / N | |
| | locations, as required by the relevant authority, to | gether with | | |
| | associated audible and visual alarms at all location | udible and visual alarms at all locations, in working | | |
| | order and tested | | | |
| .11 | 1 Personal methanol vapour meter devices available for Bunker | | Y / N | |
| | Delivery Team personnel in accordance with Bunk | er Delivery | | |
| | Procedure and in working order and tested | | | |
| .12 | Bunker delivery locations - hazardous, safety, secu | ırity – zoning | Y / N | |
| | planned in accordance with Bunker Delivery Procedure | | | |
| .13 | | | Y / N / NA | |
| | authority, completed according to schedule | | | |
| .14 | Scenario training records up-to-date and documented | | Y / N / NA | |

| 4 | Bunker Delivery System – Bunker Delive | ery Locations / Truck | | |
|-----|--|-----------------------|------------|--|
| .1 | There is a Bunker Delivery Procedure, to the satisfaction of the relevant authority, which covers the ports / locations / berths where bunker deliveries are to occur and the conditions under which those deliveries are to be undertaken | | Y / N | |
| .2 | Bunker Delivery Procedure available to, ar Bunker Delivery Team personnel | nd understood by, all | Y / N | |
| .3 | Bunker Delivery Control Point – bunker de remote controls and position indicators in tested | | Y / N | |
| .4 | Bunker Delivery Control Point – instrumer working order and tested | ntation and alarms in | Y / N | |
| .5 | Communications system equipment in working order and tested | Primary System | Y / N | |
| | | Backup System | Y / N | |
| .6 | Bunker delivery locations; piping fittings, instrumentation and alarms, as required by the relevant authority, in working order and tested | | Y / N | |
| .7 | Truck tank unit(s), fittings, instrumentatio by the relevant authority, in working orde | | Y / N | |
| .8 | Bunker delivery pump capabilities suitable arrangements where delivery is to be under | e for the locations / | Y / N | |
| .9 | Bunker delivery piping pressure relief valv | | Y / N | |
| .10 | Bunker delivery piping, fittings, instrumer required by the relevant authority, in work | | Y / N | |
| .11 | Truck bunker delivery hose(s): specification, tested and marked as required by the relevant authority | | Y / N | |
| .12 | Truck bunker delivery hose(s): suitable for the delivery locations / arrangements in which it is to be used | | Y / N | |
| .13 | Truck bunker delivery hose(s): in a satisfactory condition (external and internal) with open end(s) blanked | | Y / N | |
| .14 | If to be used: Truck hose lifting device is in tested as required by the relevant authorit | | Y / N / NA | |

| .15 | If to be used: Truck provided lifting slings and other associated | Y / N / NA | |
|-----|---|------------|--|
| | equipment is available, marked and tested as required by the relevant authority | | |
| .16 | MARPOL Sample: Sampling device in working order together with adequate supply of suitable sample containers, seals and labels | Y / N | |
| .17 | ESD system and components – Truck: in working order | Y / N | |
| .18 | SBC coupling in working order | Y / N | |
| .19 | Truck vapour handling system and associated instrumentation in working order | Y / N | |
| .20 | If to be used: vapour handling system connection to Ship - in working order | Y / N / NA | |
| .21 | If Truck tank unit(s) head space inerting required by relevant authority: O ₂ monitoring device(s) in working order and tested | Y / N / NA | |
| .22 | Spill control and containment arrangements and materials at bunker delivery locations in accordance with Bunker Delivery Procedure | Y / N | |
| .23 | Drip trays drainage / clean-up arrangements at bunker delivery locations in order | Y / N | |
| .24 | Spill absorption materials, clean-up equipment and bins available in accordance with Bunker Delivery Procedure | Y / N | |
| .25 | Access at bunker delivery locations in order | Y / N | |
| .26 | Lighting at bunker delivery locations in working order | Y / N | |
| .27 | Electrical equipment and trunking of Truck and at bunker delivery locations in order | Y / N | |
| .28 | If CCTV is to be used to monitor bunkering: in working order and tested | Y / N / NA | |
| .29 | Maintenance manual: inspections, maintenance and servicing of bunker delivery system components completed to date and documented as required by Bunker Delivery Procedure | Y / N | |

| 5 | Preparation (General) Review | | |
|----|--|-------|--|
| .1 | Any 'Preparation to Deliver (General) Checklist' negative findings | Y / N | |
| | together with subsequent resolving actions have been duly | | |
| | documented as required by Bunker Delivery Procedure and are now | | |
| | resolved | | |

| Preparation to Deliver (General) Checklist to be | Name: |
|--|------------|
| satisfactorily completed and signed by Truck PIC | Position: |
| | Signature: |
| | Date: |

Checklist 7.2

Pre-Delivery to Ship July 2020





| Truck | |
|--------------------------------------|--|
| Operating Company: | |
| Registration No.: | |
| Methanol Supplier | |
| Company Name: | |
| Bunker Supply Controlling Authority: | |
| Methanol Bunker Delivery | |
| Ship Name & IMO No.: | |
| Bunker Port / Location / Berth: | |
| Port Authority: | |
| Bunker Date: | |
| Quality Grade: | |
| Quantity (m ³): | |

| True | Truck - Preparation to Deliver to Ship Checklist | | Completion by Tru authorised | |
|------|---|-------------------------------|---------------------------------|---------|
| | | | Response | Remarks |
| 1 | Bunker Delivery to Ship | | | 1 |
| .1 | Preparation to Deliver (General) Check delivery | list covers this bunker | Y / N | |
| .2 | Intended bunker quantity (m ³) and qua | ality specification confirmed | Y / N | |
| | with Ship | | Total m ³ | |
| .3 | Ship's maximum allowable bunkering flow rates; initial, main, topping off as required together with flow rate change points for each tank to be loaded received from Ship and confirmed | | Y / N | |
| .4 | Ship's maximum allowable bunker | Confirmed | Y / N | |
| | piping pressures (bar) received from | During delivery | bar | |
| | Ship and confirmed | If ESD actuated | bar | |
| .5 | Ship – Truck ESD and SBC compatibilit | ies confirmed with Ship | Y / N | |
| .6 | Bunker hose (ship end) arrangement a with ship's manifold arrangements – co | nd fittings: compatibility | Y / N | |
| .7 | Ship – Truck bunker connection isolation arrangement confirmed with Ship | | Y / N | |
| .8 | If the receiving ship's crane is to be used to handle the Truck delivery hose: required lifting capacity and operating radius together with any lifting fittings required has been confirmed with Ship | | Y / N / NA | |
| .9 | If to be used: vapour handling system - with ship's system and isolation arrang | | Y / N / NA | |

| 2 | Bunker Port Contacts | | | |
|--|---------------------------|---------------|------------|--|
| .1 | Contact information duly | Ship's agent: | Y / N | |
| documented for: | Port authority –bunkering | Y / N | | |
| | | Other 1: | Y / N / NA | |
| | | Other 2: | Y / N / NA | |
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| | Other 3: | Y / N / NA | |
|----|--|------------|--|
| .2 | Ship advised of relevant local contact details | Y / N | |

| 3 | Local Restrictions / Requirements | | |
|----|--|-------|--|
| .1 | If there are any additional local restrictions / requirements as regards this bunker delivery: procedures will be put in place to ensure that those restrictions / requirements are adhered to | Y / N | |
| .2 | Ship has been advised of any relevant local restrictions / requirements as regards this bunker delivery by Truck to Ship | Y / N | |

| 4 | Preparation to Deliver to Ship - Review | | | |
|----|--|------------|-------|--|
| .1 | Any Preparation to Deliver to Ship Checklist negative findings together with subsequent resolving actions have been duly documented as required by Bunker Delivery Procedure and are now resolved | | Y / N | |
| | Preparation to Deliver to Ship Checklist to be | Name: | | |
| | satisfactorily completed and signed by Truck | Position: | | |
| | PIC | Signature: | | |
| | | Date: | | |

| Truck – Ready to Deliver to Ship Checklist | | | Completion by Tru authorised | |
|--|--|---|---------------------------------|---------|
| | | | Response | Remarks |
| .1 | The Risk Assessment covers all delivery | relevant aspects of this bunker | Y/ N | |
| .2 | The Bunker Delivery Procedure bunker delivery | covers all relevant aspects of this | Y / N | |
| .3 | Confirmed that there have beer Preparation to Deliver (General) | 8 | Y / N | |
| .4 | Preparation to Deliver to Ship C this bunker delivery | hecklist satisfactorily completed for | Y/ N | |
| .5 | Ship - Shore access secure | | Y / N | |
| .6 | Bunker delivery area zoning in | Hazardous | Y / N | |
| | place around truck | Safety | Y / N | |
| | | Security | Y / N | |
| .7 | Truck readied for bunker delive Delivery Procedure | ry in accordance with Bunker | Y / N | |
| .8 | Bunker delivery piping – all valv blanked | es confirmed as shut and pipe ends | Y / N | |
| .9 | Bunker delivery hose ready to b | e deployed with open end blanked | Y / N | |
| .10 | If to be used: Truck hose lifting of for use | device and associated gear ready | Y / N / NA | |
| .11 | If to be used: vapour handling s | ystem connection to Ship – ready to | Y / N / NA | |
| .12 | If Truck tank unit(s) head space authority: all tanks inerted – he exceed 8% and O ₂ monitoring d | Y / N / NA | | |
| .13 | If Truck tank unit(s) head space authority and that is to be supp inert gas generator ready to be | Y / N / NA | | |
| .14 | If Truck tank unit(s) head space authority and that is to be supp | inerting required by relevant lied from gas bottles: available | Y / N / NA | |
| | quantity of stored inert gas is su Bunker Delivery Procedure | ifficient in accordance with the | kg | |

| .15 Spill control arrangements in | | - | temporary save-alls / bunding ired duly installed | Y / N / NA | |
|-----------------------------------|---|----------------------|--|------------|--|
| | accordance with Bunker | Save | e-all areas clean and empty | Y / N | |
| | Delivery Procedure | Drip | tray drain valves open | Y / N | |
| | | Drip | tray drain tank level acceptable | Y / N | |
| | | Spill | recovery equipment deployed | Y / N | |
| .16 | Communications system equipment fully charged | Prim | ary System | Y / N | |
| | and tested | Seco | ondary System | Y / N | |
| .17 | Fixed firefighting equipmer | nt read | y and checked | Y / N | |
| .18 | Portable firefighting equipr | | | Y / N | |
| .19 | Safety equipment checked | las | Shower stations | Y / N | |
| | ready for use | | Eye-wash stations | Y / N | |
| .20 | Bunker Delivery Team: eacl with Bunker Delivery Proce | • | on - personal PPE in accordance | Y / N | |
| .21 | Bunker Delivery Team: eacl | h perso | on - personal methanol vapour | | |
| | meters carried in accordan | nce with | Bunker Delivery Procedure and | Y / N | |
| | functioning | | | | |
| .22 | | arrange | ements with all Bunker Delivery | Y / N | |
| | Team personnel checked | am personnel checked | | | |
| .23 | If applicable: procedures in place covering local restrictions / requirements | | | Y / N / NA | |
| .24 | Any Ready to Deliver to Shi resolved | ip Chec | klist negative responses now | Y / N | |

| Ready to Deliver to Ship Checklist to be | Name: | |
|---|--------------|--|
| satisfactorily completed and signed by Truck PIC | Position: | |
| | Signature: | |
| | Date & Time: | |

Checklist 7.3

Bunker Delivery to Ship July 2020





| Truck | |
|--------------------------------------|--|
| Operating Company: | |
| Registration No.: | |
| Methanol Supplier | |
| Company Name: | |
| Bunker Supply Controlling Authority: | |
| Methanol Bunker Delivery | |
| Ship Name & IMO No.: | |
| Bunker Port / Location / Berth: | |
| Port Authority: | |
| Bunker Date: | |
| Quality Grade: | |
| Quantity (m ³): | |

| True | :k - Bunker Delivery Checklist | Completion by Truck PIC or other authorised person | | |
|------|---|--|---------|--|
| | | Response | Remarks | |
| 1 | Preliminary Checks | | | |
| .1 | Ready to Deliver to Ship Checklist satisfactorily completed | Y / N | | |
| .2 | Ship-Supplier Bunker Safety Checklist satisfactorily | Y / N | | |
| | completed | | | |

| 2 | Bunker Delivery - Process Monitoring | | | | |
|-----|--------------------------------------|--------------------------------------|--------------|--|--|
| .1 | Initial bunker gauging completed | | Y/N HH:MM | | |
| .2 | Ship has advised that the | e manifold stop valve is open and | Y / N | | |
| | that bunker delivery can | commence | HH:MM | | |
| .3 | Bunker delivery rates cor | ntrolled as required by Ship | Y / N | | |
| .4 | Truck tank unit(s) head s | pace pressures monitored | Y / N | | |
| .5 | Bunker delivery monitor | ed | Y / N | | |
| .6 | Tank Unit 1: | _ Initial contents (m ³) | | | |
| | | Start delivery time | HH:MM | | |
| | | End delivery time | HH:MM | | |
| | | Final contents (m ³) | | | |
| .7 | Tank Unit 2: | _ Initial contents (m ³) | | | |
| | | Start delivery time | HH:MM | | |
| | | End delivery time | HH:MM | | |
| | | Final contents (m ³) | | | |
| .8 | Tank Unit 3: | Initial contents (m ³) | | | |
| | | Start delivery time | HH:MM | | |
| | | End delivery time | HH:MM | | |
| | | Final contents (m ³) | | | |
| .9 | Tank Unit 4: | Initial contents (m ³) | | | |
| | | Start delivery time | HH:MM | | |
| | | End delivery time | HH:MM | | |
| | | Final contents (m ³) | | | |
| .10 | Tank Unit 5: | Initial contents (m ³) | | | |
| | | Start delivery time | HH:MM | | |

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| | | End delivery time | HH:MM | |
|-----|---|------------------------------------|-------|--|
| | | Final contents (m ³) | | |
| .11 | Tank Unit 6: | Initial contents (m ³) | | |
| | | Start delivery time | HH:MM | |
| | | End delivery time | HH:MM | |
| | | Final contents (m ³) | | |
| .12 | 12 Ship advised that bunker delivery pumping finished | | Y / N | |
| | | | HH:MM | |
| .13 | 13 Final bunker gauging completed | | Y / N | |
| | | | HH:MM | |

| 3 | MARPOL Sample | | |
|----|---|-------|--|
| .1 | MARPOL Sample sampling device appropriately positioned | Y / N | |
| | and installed | | |
| .2 | Sampling commenced on start of bunker delivery | Y / N | |
| .3 | Over whole of bunker delivery operation sampling device | Y / N | |
| | operating as required and not tampered with | | |
| .4 | Sampling stopped at only at end of bunker delivery | Y / N | |
| .5 | MARPOL Sample prepared from Primary Sample in | Y / N | |
| | accordance with Bunker Delivery Procedure | | |
| .6 | MARPOL Sample sealed and labelled | Y / N | |

| 4 | Bunker Delivery - Safety Monitoring | |
|-----|--|-------|
| .1 | Bunker Delivery Team all in place and generally monitoring Truck related aspects over the full duration of the bunker delivery operation – either directly or by CCTV as | Y / N |
| | appropriate | |
| .2 | Bunker delivery area access arrangements and lighting levels around Truck are maintained sufficient to readily monitor the bunker delivery operation | Y / N |
| .3 | Truck PIC and other Bunker Delivery Team personnel are solely assigned to the bunker delivery operation and during that period have no other duties | Y / N |
| | The status / condition of the following are monitored on a routine basis and reported immediately to Truck PIC if found deficient / not acceptable: | |
| .4 | Integrity of bunker delivery piping, delivery hose and at ship's manifold connection including MARPOL Sample sampling device | |
| .5 | Fixed methanol vapour detection sensor readings | |
| .6 | Personal methanol vapour meter readings | |
| .7 | External events which could affect truck or bunkering safety | |
| .8 | Compliance with bunker delivery area hazardous, safety and security zoning and related prohibitions | |
| .9 | Fire detection sensor readings | |
| .10 | Relative movement: ship - shore | |
| .11 | Bunker delivery hose loadings | |
| .12 | If used: Truck hose lifting device – applied loadings within rating | |
| .13 | Bunker connection isolation | |
| .14 | Communications: Truck - Ship | |
| .15 | Truck tank unit(s) head space make-up as necessary – if required to be inerted, head space not more than 8% O ₂ | |
| .16 | If used: inert gas generator operating as required | |
| .17 | If used: inert gas release from gas bottles as required | |

| .18 | If used: vapour handling system connection to ship – | | | | | | |
|-----|---|---------|-------|--|--|--|--|
| | integrity, loading and isolation | | | | | | |
| .19 | Condition of bunds, save-alls and drip trays | | | | | | |
| .20 | Drip tray drain tank level | k level | | | | | |
| .21 | If applicable: Truck's procedures are being applied to ensure | | | | | | |
| | that local restrictions / requirements are complied with | | | | | | |
| .22 | No deficiencies / not acceptable findings reported during | | Y / N | | | | |
| | bunker delivery operation | | | | | | |
| .23 | ESD was not triggered during the bunkering | | Y / N | | | | |
| .24 | SBC was not triggered during the bunkering | | Y/N | | | | |

| 5 | Bunkering Delivery Shutdown | | |
|----|--|------------|--|
| .1 | Bunker delivery hose purging and clearing back to Truck | Y / N | |
| | completed as agreed | | |
| .2 | Bunker delivery piping valves shut | Y / N | |
| .3 | Bunker hose and ESD link disconnected as agreed | Y / N | |
| .4 | Bunker hose end blanked before lifting clear and bunker | Y / N | |
| | hose duly stowed | | |
| .5 | If used: vapour return from Ship disconnected | Y / N / NA | |
| .6 | Clean up completed as necessary of manifold area, bunds, | Y / N | |
| | save-alls and drip trays. Drip tray drain valves shut | | |
| .7 | Any temporarily installed bunds / save-alls removed | Y / N / NA | |
| .8 | Spill control materials cleared away | Y / N | |
| .9 | Bunker Delivery Team stood down | HH:MM | |

| 6 | Personnel Changes during Bunker Delivery | | | | | | |
|----|--|--|-----------------|-------|--|--|--|
| .1 | Truck PIC change | In-coming Truck PIC: Name / Position | | | | | |
| | | In-coming Truck PIC | Out-going | Y / N | | | |
| | | fully briefed | In-coming | Y / N | | | |
| | | Time of take-o | over as Truck | HH:MM | | | |
| .2 | Bunker Delivery Team | Out-going: Na | ime / Role | | | | |
| | changes: | In-coming: Name / Role | | | | | |
| | Incoming personnel (A): | Trained for role | | Y / N | | | |
| | | PPE worn / in use | | Y / N | | | |
| | | Personal methanol vapour meter in use | | Y / N | | | |
| .3 | Bunker Delivery Team | Out-going: Na | ime / Role | | | | |
| | changes: | In-coming: Name / Role | | | | | |
| | Incoming personnel (B): | Trained for role | | Y / N | | | |
| | | PPE worn / in use | | Y / N | | | |
| | | Personal methanol vapour meter in use | | Y / N | | | |
| .4 | Bunker Delivery Team | Out-going: Na | ime / Role | | | | |
| | changes: | In-coming: Na | ame / Role | | | | |
| | Incoming personnel (C): | Trained for ro | le | Y / N | | | |
| | | PPE worn / in use | | Y / N | | | |
| | | Personal met meter in use | hanol vapour | Y / N | | | |
| .5 | Ship PIC change advised | Time of chang | ge-over | HH:MM | | | |
| | | | lished with in- | Y / N | | | |

| 7 | Bunker Delivery Completion | | |
|----|---|------------|--|
| .1 | Bunker Delivery Note completed and provided to Ship | Y / N | |
| .2 | MARPOL Sample provided to and signed-for by Ship | Y / N | |
| .3 | Commercial sample(s) provided to Ship | Y / N | |
| .4 | If received: Letter of Protest issued by Ship | Y / NA | |
| .5 | Ship – Supplier Bunker Completion Checklist completed | Y / N | |
| .6 | Bunker Delivery Procedure report completed and | Y / N / NA | |
| | distributed as required | | |
| .7 | Post bunkering follow-up actions, as required by Bunker | Y / N / NA | |
| | Delivery Procedure, completed | | |

| Bunker Delivery Checklist completed | Name: | |
|-------------------------------------|--------------|--|
| and signed by Truck PIC | Position: | |
| | Signature: | |
| | Date & Time: | |

Checklist 3.1

Supplier -Ship Bunker Safety + Bunker Completion July 2020





| Ship | | |
|--------------------|---------------|---|
| Name: | | |
| Flag: | | |
| IMO No.: | | |
| Methanol Bunk | ers | |
| Bunker Port: | | |
| Bunkering Loca | tion / Berth: | |
| Bunker Date: | | |
| Supplier: | | |
| Supplier Addres | is: | |
| Supplier Registi | ration No.: | |
| Quality Grade: | | |
| Ordered Quanti | ty (m³) | |
| Delivery mode | Barge | Barge name(s) and identifying marks: |
| details (as | | |
| applicable): Truck | | Operating Company & Vehicle registration number(s): |
| | Terminal | |

| Supplier and Ship - Bunker Safety (Bulk Supply) Checklist To be satisfactorily completed by both parties before Supplier commences physical bunker delivery to Ship | | | Respo | onse | Remarks | |
|--|---|---|-----------------|-------------|---|--|
| | | | Supplier PIC | Ship PIC | Supplier PIC is the Barge / Truck / Terminal PIC as applicable | |
| 1 | Pre-bunkering Meeting | | | | | |
| .1 | Access arrangements Ship-Su | upplier satisfactory | Y / N | Y / N | | |
| .2 | Pre-bunkering meeting held PIC | between Ship PIC and Supplier | Y / N | Y / N | | |
| .3 | Supplier PIC has confirmed the Ship Checklist has been satis provided to Ship | Y / N | Y / N | | | |
| .4 | Ship PIC has confirmed that their Ready to Bunker Checklist has been satisfactorily completed and copy provided to Supplier | | Y / N | Y / N | | |
| .5 | Bunker quality grade and | Agreed | Y / N | Y / N | | |
| | quantity (m ³) | Quality grade ref. | | | | |
| | | Quantity (m ³) | | | | |
| .6 | Pre-delivery documentation requisition) has been provide by the Ship and are in order | (including MSDS and bunker ed by the Supplier and received | Y / N | Y / N | | |
| .7 | Written transfer plan, including hose connection / disconnection duties and maximum bunker pressures and transfer rates at all stages of the delivery, agreed | | Y / N | Y / N | | |
| .8 | | rrangements to supply facility | Y / N | Y / N | | |
| | agreed | | NA | NA | | |
| .9 | Working language, time and | hand signals agreed | Y / N | Y / N | | |

| 10 | | | N/ / N1 | N/ / N | |
|-----|---|-------------------------|---------|--------|--|
| .10 | Communication arrangements | Primary System | Y / N | Y / N | |
| | agreed | Backup System | Y / N | Y / N | |
| .11 | Written emergency plan agreed | Y / N | Y / N | | |
| .12 | ESD and SBC criteria agreed | Y / N | Y / N | | |
| .13 | Port and emergency services contac | | Y / N | Y / N | |
| .14 | External criteria causing bunker deli | | Y / N | Y / N | |
| | including weather conditions, sea / I | river conditions, other | | | |
| | ship movements, agreed | | | | |
| .15 | If ship lifting equipment to be used t | | Y / N | Y / N | |
| | facility's bunker delivery hose onboa | ard: relevant | NA | NA | |
| | arrangements agreed | | | | |
| .16 | Bunker delivery hose draining and p | urging procedure at | Y / N | Y /N | |
| | completion of bunkering agreed | | | | |
| .17 | Supply gauging arrangements agree | | Y / N | Y / N | |
| .18 | If applicable: permitted simultaneou | | Y / N | Y / N | |
| | related controls advised to Supplier | | NA | NA | |
| .19 | If applicable: permitted simultaneou | | Y / N | Y / N | |
| | and related controls advised to Ship | | NA | NA | |
| .20 | If applicable: Ship compliance arran | | Y / N | Y / N | |
| | restrictions / requirements advised | | NA | NA | |
| .21 | If applicable: Supplier compliance a | | Y / N | Y / N | |
| | restrictions / requirements advised | to Ship | NA | NA | |
| | | | | | |
| 2 | Preparation to Bunker: Supplier a | | | | |
| .1 | Communication arrangements | Primary | Y / N | Y / N | |
| | tested and confirmed as | System | | | |
| | satisfactory | Backup | Y / N | Y / N | |
| | | System | | | |
| .2 | If supply facility lifting equipment ha | as been used to handle | Y / N | NA | |
| | the bunker delivery hose: lifting, hol | ding and supporting | | | |
| | arrangements confirmed as satisfac | tory | | | |
| .3 | If ship lifting equipment has been us | ed to handle the supply | Y / N | Y / N | |
| | facility's bunker delivery hose: lifting, holding and | | | | |
| | supporting arrangements confirmed as satisfactory | | | | |
| .4 | Bunker delivery hose test marked as | required and in | Y / N | Y / N | |
| | satisfactory condition (external and internal) | | | | |
| .5 | Bunker delivery hose connection to | ship's bunker manifold | Y / N | Y / N | |
| | confirmed as satisfactory | | | | |
| .6 | Bunker delivery hose insulation at co | onnection confirmed as | Y / N | Y / N | |
| 1 | | | | 1 | |

Y / N

Y / N

Y / N

NA

NA

Y / N

Y / N

Y / N

Y / N

NA

Y / N

NA

satisfactory

loading from Barge

delivery to Ship

.7

.8 .9

.10

.11

ESD and SBC installation confirmed as satisfactory

as satisfactorily connected and isolated

ESD links established, tested and confirmed as satisfactory

If to be used: vapour return line to supply facility confirmed

Ship's bunker piping system set-up ready to commence

Barge's bunker delivery system set-up ready to commence

| Bunker Safety Checklist to be | Name: | | |
|---|------------------|--|--|
| satisfactorily completed and signed by | Rank / Position: | | |
| both Ship PIC and Supplier PIC before the Ship's manifold stop valve is opened | Signature: | | |
| and the Supplier commences bunker | Date & Time: | | |
| delivery | | | |

| | | | Respo | onse | Remarks |
|---------------------------------------|--|-------------------------|----------|-------|---------|
| Supp | olier and Ship - Bunker Completion Ch | ecklist | Supplier | Ship | |
| | | | PIC | PIC | |
| .1 | 1 Supplier pumping completed | | | Y / N | |
| .2 | Bunker delivery hose drained and pur | ged as agreed | Y / N | Y / N | |
| .3 | Supplier has advised that bunkering is | s completed | Y / N | Y / N | |
| .4 | Bunker manifold valves shut | NA | Y / N | | |
| .5 | Bunker delivery hose and ESD link disconnected as agreed | | Y / N | Y / N | |
| .6 | If used: vapour handling system conne | ection disconnected | Y / N | Y / N | |
| .7 | Bunker Delivery Note provided by the | Supplier | Y / N | Y / N | |
| .8 | MARPOL Sample provided by the Supp | plier | Y / N | Y / N | |
| .9 | Any incidents or near misses reported | to relevant authorities | Y / N | Y / N | |
| | as required | | NA | NA | |
| Bunl | cer Completion Checklist to be | Name: | | | |
| completed and signed by both Supplier | | Rank / Position: | | | |
| PIC a | and Ship PIC | Signature: | | | |
| | | Date & Time: | | | |