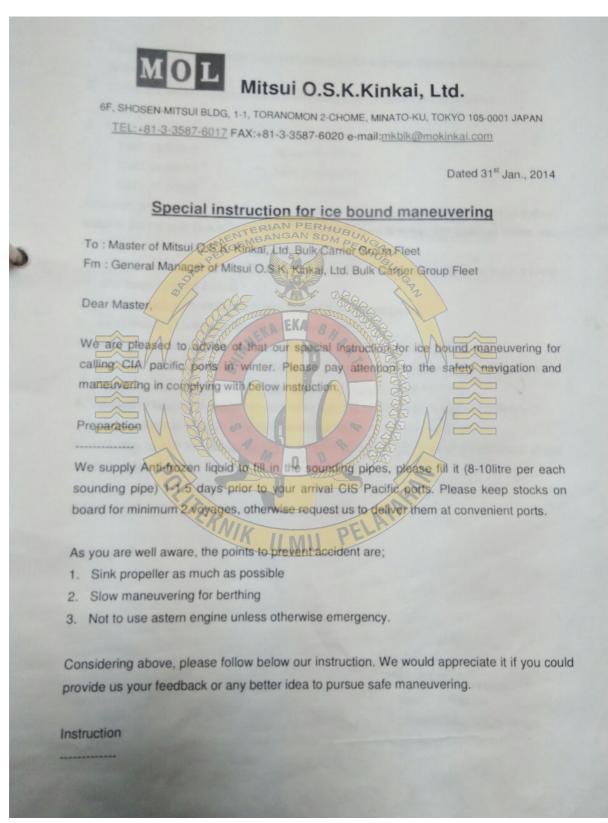
LAMPIRAN 6

Data Pendukung

1. Special Instruction for Ice Bound Maneuvering



- 1. Obtain ice information from each port authority (for example check to Nakhodka traffic) and agent.
- 2. Check the ballast water condition & sounding pipe. (Please refer to attached

"Special instruction for calling Russian port"

//IF THERE IS ICE AT RUSSIAN PORT PLEASE FOLLOWS BELOW INSTRUCTION://

Special instruction for the bound maneuvering

- 1. BERTHING/UNBERTHING IN DAYTIME ONLY
- 2. MAKE FULL BALLAST TO ACHIEVE MAX, DEPTH OF SCREW (MORE THAN 45CM)
- 3. OBTAIN ICE INFORMATION FROM EACHPORT AUTHORITY AND AGENT
- 4. CHECK THE BALLAST WATER CONDITION & SOUNDING PIPE
- 5. CONSULT WITH PILOT ABOUT SAFETY SPEED FOR MANEUVERING ICE AREA(MAX 4KNOTS) AND BERTHING (MAX 2-3KNOTS)
- 6. CONFIRM WITH PILOT NOT TO USE THE ASTERN PROTNE EXCEPT EMERGENCY
- 7. KEEP RECORD OF BELL BOOK INCLUDING EVIL NAME OF PILOT
- 8. REPORT US THE DEPTH OF PROPELLER, BELL BOOK, NUMBER OF TUG BOATS, WEATHER/SEA/ICE CONDITION OR ANY OTHER RECOMMENDATION FOR SAFETY BY E-MAIL(zzusr-mkblk@mokinkai.com) OR FAX AFTER BERTHING.
- 9. IN CASE OF LOADING IN VOSTOCHNY PORT(PPK-1/PPK-3) AND MALY PORT, PLEASE CONFIRM WITH PILOT THE 3RD TUG SHALL BE ARRANGED.
- 10. PLEASE SEND PHOTO AT THE PORT FOR OUR CHECKING ICE CONDITION
- 11. PLEASE REQUEST PILOT TO CRUSH ICE BY TUG BOAT BEFORE BERTHING

Please use anti frozen liquid comply with below.

- 1. You need to put the anti-frozen liquid in advance.
- (before arrival at Russian port 0.5-1.0day)
- * The liquid is NOT effective for already frozen condition.
- 2. Equally drop the liquid through ballast tank sounding pipes.
- 3. Each shipment : 20 Liter x 5 cans (abt 8-10ltr / sounding pipe)



Our required maneuver for ship alongside to Vostochny PPK·3 coal terminal

Dear.Sir

Thank you very much for safe maneuver of our ship to Vostochny every time.

However, unfortunately our related and operated two ships were damaged to propeller by floating ice in last winter.

We would like to suggest your good association to consider maneuver method in ice area for prevention of ship's propeller damage as follows.

