

USNS SULTAN

T-AP 120

P2-SE2-R1

\*\*\*\*\* ATTENTION MR. KINSER:\*\*\*\*\*

AMERICAN BUREAU OF SHIPPING 65 BROADWAY, NY, NY 10006

TYPE OF REPORT = STELEX PORT = SF DATE 18JUN82

4404711 VESSEL GENERAL DANIEL I. SULTAN

HULL NO 9501

BUILDER BETHLEHEM ALAMEDA SHIPYARD, INC.

FLAG U.S.A.

PORT OF REG

GROSS TONS 16039

TYPE TW PASS

LENGTH 573.00 BREADTH 75.50 DEPTH 43.50

AUX KW 2400.0 BLR HS 36720 HP 20500

CLASS +A1 E

+AMS

LAID UP

Y=YES \*=COMMENCED X=PREVIOUS SOCIETY SURVEY

HULL SURVEYS

ALL SURVEY DATES ARE DUE DATES UNLESS OTHERWISE INDICATED

SSH NO 06 1169 INTERVAL 4 YRS

INT 0568

AHS 0468 ALLI 09APR68 DD 0369 INTERVAL 2 YRS

LOADLINE CERT EXP 09NOV69 1930-B

LAST GAUGED 1165 FOR SSH NO 05

MACHINERY SURVEYS SSH 0369

BOILERS

TYPE DATE INT

WTB 0469

TS LINER NC

INTERVAL 3 YRS

AMS 0468

TAILSHAFT/S TUBESHAFT/S

LOC TYP DATE

P TBS 1168

S TBS 1168

NO OUTSTANDING RECOMMENDATIONS



cc: Wm Smith - Mand

NA=NOT APPLICABLE  
NR=NOT REQUIRED  
NC=NOT REQUIRED FOR THIS CYCLE  
A=ALT. MEANS OF TEST FOR CARGO TANKS  
W=WAIVED

START OF HULL PARTS  
DONE DATES ARE LISTED FOR SPECIAL SURVEY PARTS  
ALL PARTS

#### HULL - GENERAL

ACCOMMODATION SPACES  
ANCHOR CHAINS  
ANCHOR(S)  
BILGES & DRAIN WELLS  
BOTTOM PLATING  
CHAIN LOCKER + PUMPING ARRANGEMENTS  
COFFERDAMS & VOID SPACES, FRAMES  
DECK(S)  
HAUSE PIPES  
MACHINERY &/OR BOILER ROOM SPACES  
PEAK SPACE AFT  
PEAK SPACE FWD  
PLATING IN WAY OF AIRPORTS  
SANITARY OVERBOARD DISCHARGES  
SHAFT TUNNELS  
SHELL PLATING  
STERN FRAME, RUDDER, ETC  
STORAGE SPACES

#### HULL - DRY CARGO

HATCH COVERS NOT FITTED WITH TARPS, HOSE TEST  
HOLD NO.01(TWEEN DECK;BHDS;FRAMING;TANKTOP)  
HOLD NO.02(TWEEN DECK;BHDS;FRAMING;TANKTOP)  
HOLD NO.03(TWEEN DECK;BHDS;FRAMING;TANKTOP)  
HOLD NO.04(TWEEN DECK;BHDS;FRAMING;TANKTOP)  
HOLD NO.05(TWEEN DECK;BHDS;FRAMING;TANKTOP)  
HOLD NO.06(TWEEN DECK;BHDS;FRAMING;TANKTOP)  
HOLD NO.07(TWEEN DECK;BHDS;FRAMING;TANKTOP)  
HOLD NO.08(TWEEN DECK;BHDS;FRAMING;TANKTOP)

# NON-LPG/LNG-TANKS

| EXAM | TEST | -NO- | LOC | TYPE          | FUNCTION/FRAME |                    |
|------|------|------|-----|---------------|----------------|--------------------|
|      |      | 01   | P   | DEEP          | CGO            | 143-147            |
|      |      | 02   | S   | DEEP          | CGO            | 143-147            |
|      |      | 03   | P   | DEEP          | CGO            | 148-152            |
|      |      | 04   | S   | DEEP          | CGO            | 148-152            |
|      |      | 05   | P   | DEEP          | CGO            | 153-157            |
|      |      | 06   | S   | DEEP          | CGO            | 153-157            |
|      |      | 10   | P   | DEEP          | FW             | 112-120 92.0 Tons  |
|      |      | 10   | S   | DEEP          | FW             | 112-120 76.0 Tons  |
|      |      | 12   | P   | DEEP          | FO             | 118-120            |
|      |      | 12   | S   | DEEP          | FO             | 118-120            |
|      |      | 13   | P   | DEEP          | FW             | 120-128 97.0 Tons  |
|      |      | 13   | S   | DEEP          | FW             | 120-128 78.0 Tons  |
|      |      | 15   | P   | DEEP          | FO             | 120-128            |
|      |      | 15   | S   | DEEP          | FO             | 120-128            |
|      |      | 16   | P   | DEEP          | FO/WB          | 158-166            |
|      |      | 16   | S   | DEEP          | FO/WB          | 158-166            |
|      |      | 17   | P   | DEEP          | FO/WB          | 166-180            |
|      |      | 17   | S   | DEEP          | FO/WB          | 166-180            |
|      |      | 18   | C   | DEEP          | FO/WB          | 174-182            |
|      |      | 19   | C   | DEEP          | FO/WB          | 182-195            |
|      |      | 20   | C   | DEEP          | FO/WB          | 195-213            |
|      |      | 01   |     | DOUBLE BOTTOM | FO/WB          | 18-42 99.6 Tons    |
|      |      | 02   | P   | DOUBLE BOTTOM | FO/WB          | 42-60 90.2 Tons    |
|      |      | 02   | S   | DOUBLE BOTTOM | FO/WB          | 42-60 84.6 Tons    |
|      |      | 03   | C   | DOUBLE BOTTOM | FO/WB          | 60-78 90.2 Tons    |
|      |      | 03   | P   | DOUBLE BOTTOM | FO/WB          | 60-78 84.6 Tons    |
|      |      | 03   | S   | DOUBLE BOTTOM | FO/WB          | 60-78 140.0 Tons   |
|      |      | 04   | C   | DOUBLE BOTTOM | FO/WB          | 78-98 170.6 Tons   |
|      |      | 04   | P   | DOUBLE BOTTOM | FO/WB          | 78-98 101.0 Tons   |
|      |      | 04   | S   | DOUBLE BOTTOM | FO/WB          | 78-98 101.3 Tons   |
|      |      | 05   | C   | DOUBLE BOTTOM | FO/WB          | 98-112 121.6 Tons  |
|      |      | 05   | P   | DOUBLE BOTTOM | FO/WB          | 98-112 91.2 Tons   |
|      |      | 05   | S   | DOUBLE BOTTOM | FO/WB          | 98-112 91.2 Tons   |
|      |      | 06   | C   | DOUBLE BOTTOM | FO/WB          | 112-128 137.3 Tons |
|      |      | 06   | P   | DOUBLE BOTTOM | FO/WB          | 112-128 104.5 Tons |
|      |      | 06   | S   | DOUBLE BOTTOM | FO/WB          | 112-128 109.5 Tons |
|      |      | 07   | C   | DOUBLE BOTTOM | FO/WB          | 128-142 121.7 Tons |
|      |      | 07   | P   | DOUBLE BOTTOM | FO/WB          | 128-142 85.9 Tons  |
|      |      | 07   | S   | DOUBLE BOTTOM | FO/WB          | 128-142 85.9 Tons  |
|      |      | 08   | C   | DOUBLE BOTTOM | FO/WB          | 142-158 139.0 Tons |
|      |      | 08   | P   | DOUBLE BOTTOM | FO/WB          | 142-158 63.2 Tons  |
|      |      | 08   | S   | DOUBLE BOTTOM | FO/WB          | 142-158 63.2 Tons  |
|      |      | 09   | P   | DOUBLE BOTTOM | FO/WB          | 158-172 74.3 Tons  |
|      |      | 09   | S   | DOUBLE BOTTOM | FO/WB          | 158-172 74.1 Tons  |
|      |      |      |     | PEAK AFT      | WB             | 213-AP             |
|      |      |      |     | PEAK FORE     | WB             | FP-18              |
|      |      | 11   | P   | SETTLING DEEP | FO             | 112-120 102.1 Tons |
|      |      | 11   | S   | SETTLING DEEP | FO             | 112-120 102.1 Tons |
|      |      | 14   | P   | SETTLING DEEP | FO             | 112-120 102.1 Tons |
|      |      | 14   | S   | SETTLING DEEP | FO             | 112-120 102.1 Tons |
|      | AFT  |      |     | STABILIZING   | WB             | 153-157            |
|      | DUMP |      |     | STABILIZING   | WB             | 142-156            |
|      | FWD  |      |     | STABILIZING   | WB             | 143-147            |

NA=NOT APPLICABLE  
START OF MACH PARTS  
DONE DATES ARE LISTED FOR SPECIAL SURVEY PARTS  
ALL PARTS

#### MACHINERY GENERAL

|      |                                                     |
|------|-----------------------------------------------------|
|      | ANCHOR WINDLASS (AND AUXILIARIES)                   |
|      | BILGE SYSTEM                                        |
|      | FIRE FIGHTING EQUIPMENT                             |
| NO 1 | FORCED DRAFT FAN(S)                                 |
| NO 2 | FORCED DRAFT FAN(S)                                 |
| NO 3 | FORCED DRAFT FAN(S)                                 |
| NO 4 | FORCED DRAFT FAN(S)                                 |
| PORT | FOUNDATION BOLTS & CHOCKS                           |
| NO 1 | FUEL OIL HEATER(S)                                  |
| NO 2 | FUEL OIL HEATER(S)                                  |
| PORT | LINE SHAFTING & BEARINGS                            |
| STBD | LINE SHAFTING & BEARINGS                            |
| FWD  | MAIN LUBE OIL COOLER NO 1                           |
| AFT  | MAIN LUBE OIL COOLER NO 2                           |
| PORT | MAIN REDUCTION GEARS                                |
| STBD | MAIN REDUCTION GEARS                                |
| PORT | MAIN THRUST BEARING & SHAFT                         |
| STBD | MAIN THRUST BEARING & SHAFT                         |
|      | PIPING SYSTEMS                                      |
|      | PUMPING ARRANGEMENTS                                |
|      | SEA VALVES, CHESTS, ETC                             |
|      | STEER MCHY-RELIEF SET, PUMPS, PIPES, CONTROLS, TEST |

#### MAIN TURBINES

|     |                                 |
|-----|---------------------------------|
|     | AUX CONDENSER NO 1              |
|     | AUX CONDENSER NO 2              |
|     | AUX CONDENSER NO 3              |
|     | AUX CONDENSER NO 4              |
|     | BLEED STEAM ARRANGEMENTS        |
| FWD | DEAERATING FEED HEATER(D.C.)    |
| FWD | FEED HEATER FIRST STAGE         |
| AFT | HIGH PRESSURE FLEXIBLE COUPLING |
| FWD | HIGH PRESSURE FLEXIBLE COUPLING |
| AFT | HIGH PRESSURE TURBINE           |
| FWD | HIGH PRESSURE TURBINE           |
| AFT | LOW PRESSURE FLEXIBLE COUPLING  |
| FWD | LOW PRESSURE FLEXIBLE COUPLING  |
| AFT | LOW PRESSURE TURBINE            |
| FWD | LOW PRESSURE TURBINE            |
| AFT | MAIN AIR EJECTOR(S)             |
| FWD | MAIN AIR EJECTOR(S)             |
| AFT | MAIN CONDENSER(S)               |
| FWD | MAIN CONDENSER(S)               |
| AFT | MAIN STEAM LINES                |
| FWD | MAIN STEAM LINES                |
| AFT | MANEUVERING VALVES              |
| FWD | MANEUVERING VALVES              |
| AFT | OPERATING GOVERNOR              |
| FWD | OPERATING GOVERNOR              |
| AFT | STEAM STRAINER                  |
| FWD | STEAM STRAINER                  |

## PUMPS

|      |                            |
|------|----------------------------|
| ✓AFT | AUX CIRCULATOR             |
| ✓FWD | AUX CIRCULATOR             |
| ✓AFT | BALLAST PUMP               |
| ✓FWD | BALLAST PUMP               |
| ✓AFT | BILGE & BALLAST PUMP       |
| ✓FWD | BILGE & BALLAST PUMP       |
| ✓AFT | BILGE PUMP                 |
| ✓FWD | BILGE PUMP                 |
| ✓AFT | BOILER FEED PUMP NO 1      |
| ✓FWD | BOILER FEED PUMP NO 1      |
| ✓AFT | BOILER FEED PUMP NO 2      |
| ✓FWD | BOILER FEED PUMP NO 2      |
| ✓AFT | DRAIN TRANSFER PUMP        |
| ✓FWD | DRAIN TRANSFER PUMP        |
| ✓AFT | FIRE & GENERAL SERVICE     |
| ✓FWD | FIRE & GENERAL SERVICE     |
| ✓AFT | FUEL OIL SERVICE PUMP NO 1 |
| ✓FWD | FUEL OIL SERVICE PUMP NO 1 |
| ✓AFT | FUEL OIL SERVICE PUMP NO 2 |
| ✓FWD | FUEL OIL SERVICE PUMP NO 2 |
| ✓AFT | FUEL OIL TRANSFER PUMP     |
| ✓FWD | FUEL OIL TRANSFER PUMP     |
| ✓AFT | LUBE OIL SERVICE PUMP NO 1 |
| ✓FWD | LUBE OIL SERVICE PUMP NO 1 |
| ✓AFT | LUBE OIL SERVICE PUMP NO 2 |
| ✓FWD | LUBE OIL SERVICE PUMP NO 2 |
| ✓AFT | MAIN CIRCULATOR            |
| ✓FWD | MAIN CIRCULATOR            |
| ✓AFT | MAIN CONDENSATE PUMP NO 1  |
| ✓FWD | MAIN CONDENSATE PUMP NO 1  |
| ✓AFT | MAIN CONDENSATE PUMP NO 2  |
| ✓FWD | MAIN CONDENSATE PUMP NO 2  |
| ✓4   | AUX CONDENSATE PUMPS       |

## ELECTRICAL GENERAL

- ✓AUX GENERATOR NO 1
- ✓AUX GENERATOR NO 2
- ✓AUX GENERATOR NO 3
- ✓AUX GENERATOR NO 4
- ✓AUX GENERATOR TURBINE NO.1
- ✓AUX GENERATOR TURBINE NO.2
- ✓AUX GENERATOR TURBINE NO.3
- ✓AUX GENERATOR TURBINE NO.4
- CABLES FIXTURES & MAIN SWITCHBOARD
- CIRCUITS MEGGER TEST
- ELECTRIC MOTORS EXAM
- ELECTRIC MOTORS MEGGER TEST
- ✓EMERGENCY GENERATOR ENGINE WITH ATTACHMENTS
- ✓EMERGENCY GENERATOR
- ✓GENERATOR OPERATIONAL TEST UNDER LOAD
- ✓NO 1 GENERATOR TRIPS
- ✓NO 2 GENERATOR TRIPS
- ✓NO 3 GENERATOR TRIPS
- ✓NO 4 GENERATOR TRIPS
- ✓REDUCTION GEAR SET NO 1
- ✓REDUCTION GEAR SET NO 2
- ✓REDUCTION GEAR SET NO 4
- ✓REDUCTION GEAR SET

NO3