

SAT. JAN. 13 1923

No. 16 240.

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report

11-1-23

When handed in at Local Office

12-1-23

Port of

LEITH.

No. in
Reg. Book.

Survey held at

LEITH.

Date, First Survey

18.9.22

Last Survey

5.1.

1923.

Built at

Newcastle.

By whom C.S. Swan & Hunter Ltd.

When YEAR MONTH

1899

1.

GROSS

7380.

Owners

Chr. Salvesen & Co.

Port belonging to

LEITH.

UNDER DK.

6690.

Owners' Address

(if not already recorded in Appendix to Register Book).

NET

4830.

Surveyed Afloat or in Dry Dock?

Both.

Name of Dock Imperial Wet and Dry

Destined Voyage South Georgia

WB=CellDBorDBa

feet; uE&B

feet; f

feet; f

total capacity

tons. FPT

tons; APT

tons; MT

feet

tons.

N.B.—All alterations in the existing records should be underlined.

If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Last Report, No.

83874 Port LIV

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. No. for Special Survey. Date of last Survey and of Periodical Surveys.	Year Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100A1.		+LMC.
8-21.		MS. 3.19.
SS. No. 3-3-11.		BS. 7.22.
4 " No. 2-19.		TS. CL. 7.22.
Society's Freeboard (if assigned) as painted on Ship and now verified		8 3 ins.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined? ☒ Was a damage report made by anyone else? If so, by whom? ☒

REPAIRS, OR EXAMINATION AS PER RULE, FOR

Part SS. 2nd No. 3. and Alterations.Part 2nd SS. No. 3:-

Vessel placed in dry dock. Bottom and rudder cleaned, examined and coated. The holds, peaks, "ween decks", and Bridge erection between Cross bunker shed. and Bridge Front shed. cleared. All close ceiling removed in holds from the tank top, and lumber boards removed. Steelwork generally examined. The oxidation removed from the inner surface of the shell plating, framing, stringers, floor plates, keelsons, beams, bulkheads etc. Steelwork examined; and with the exception of the parts repaired as stated in this report found in good condition and coated. Fore and After Pk. Tanks, Deep Tanks, and Nos. 1-2-6-7. D. Port Tanks examined internally, scaled and coated as found necessary, tested by water pressure to requis. and found or made tight. No. 3 D. Port Tank tested by water pressure to requis. and found in order. Tank top plating recoated as necessary; and Ceiling relaid. Cement in bottom in the Compartments examined

SUMMARY OF DAMAGE REPAIRS:-

	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:-
Renewed	/	/	/	/	/	/	/	P.T.O.
Removed and Fair'd or Repaired	/	/	/	/	/	/	/	
Fair'd or Repaired in place	/	/	/	/	/	/	/	

PRESENT CONDITION OF THE

As per rept. good.	State if Tanks have been examined inside 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2
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"CORONDA".

Leith.

Continuation of Report No. 16,240 dated 12-1-203

3

"CORONDA"

renewed in Side Stringers of the No. 1 Hold; and bent Panking beams under hatchway ends, and pillars to same removed, faired and replaced. Weather Deck repairs hose tested and found tight. Minor repairs effected. Repairs Coated. Doubling pl. fitted to underside of Ash Shoot.

Wear & Tear Repairs:-

The plating of the forward bulkhead of Cross Tanker entirely renewed in way of hold.

Alt. Upper Deck:- Stbd. 6 deck plates removed. 2 doubling plates fitted to deck

Port. 5 deck plates removed. 1 doubling plate fitted to deck.

Forward, Upper Deck:— 1 deck plate removed P. & S. respectively.

Bridge Deck:- Doubling plate fitted to deck P.S. respectively, and Ventilators and Coamings removed and replaced in way of these repairs.

In way of Nos. 6 & 7 I saw Rks:- 2nd Dk. 2 center shake plates partly removed.

Skt. 2 deck plates partly removed. Port. 3 deck plates partly removed.

Port. 27 back bars fitted to frames where locally worked in way of 2nd Lk

Shinger. Skt. 27 back bars fitted to frames where locally wasted in way of 2nd St. Shinger.

Port. 3, 2nd Dr. Shinger plates partly renewed

Stbd. 4. 2nd Dk. stringer plates partly removed.

2 bld. foundation angles removed and refilled.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED by TABLE 30 or 31.			Description of Anchor.	Makers.	Where and when tested Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
	1st Bower ...																
	2nd ..																
	3rd ..																
	Collector Weight.																
	Stream																
	Kedge.....																

* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

[illegible]

No. 6. D. Fort. Tank. Fort. Top half of 2 floors repaired with part new. Upper half of 8 intercostal plates renewed, and lugs renewed in way.

Skt. Upper half of 2 floors repaired with part new. Upper half of intercostal plates renewed, and legs in way renewed.

Apr 28. Tank. 2 floors repaired with doublings locally.

All bulkheads in cargo holds overhauled, local repairs effected to the plating^{etc.} of the bds. with part new where found necessary, rustbound rivets removed and renewed, and all put in good condition. A number of rust bound rivets removed and

To Complete the 2nd SS.No. 3 which it is the owners' intention to do within the year of Grace, the following remains to be done:-

Engine and Boiler Space, Chain locker, Lower Cross and Side bunkers, (ceiling lifts)
 "Tween Dk. Cross and Side bunkers, Bridge "Tween Dk. Cross and Side bunkers,
 Bridge "Tween Dk. P.S. in way of fresh water tanks, Coal Shoot, E.P. Casings,
 plating under sidelights, truss, wedging and rigging, Windlass, Steering
 engine, Steering gear and Connections, hatchways and hatch covers, and
 D. Port. Tanks internally in way of E.P. Space, to examine.

No 3 D. Port Tank internally in way of Cross Bunker to examine etc

D. Bot. Tanks in way of E413. Space to test by head of water

Cables and Anchors to range for examination. General equipment to examine and hand pumps to examine and test.

The shell plating to be drilled and gauged. 4 bolts of bridge
plating to be further examined. *SSB*

Alterations. Conversion of Vessel to Carry whale oil in bulk.
How done:-

Now done:—

The holds of the vessel now subdivided (inclusive of Deep Tank) into 7 oil Compartments P & S. respectively, and Constructed in General accordance with the approved plans. The main Scamplings as follows:-

No. 1 Oil Comp. Co. Line Plot. - 34 plates Vertically. Stiffeners $12 \times 4 \times 4 \times .66$ Chans. and $10 \times 3 \frac{1}{2} \times .50$ B. Augs.
26" Spacing, with flanged brackets at top and bottom of Seigs and Scantlings as given
on approved plan. Top and bottom Angles $5 \times 3 \times .36$ Single.

Co. 2 Oil Comp.¹ Co. line 3rd. $\cdot 34$ plated Vertically. Stiffness $10 \times 3\frac{1}{2} \times \frac{1}{16}$ D. Angs. and $12 \times 3\frac{1}{2} \times 3\frac{1}{2} \times \cdot 60$ Chans.
16" Spacing, with flanged brackets at each end of Soles and Scutlings approved on plan.
Top and bottom ang. $5 \times 3 \times 36$ Single.

6.3 old Comp.¹ Cr. Line Blvd. .34" plated Vertically. Stiffers. 12 x 3 1/2 x .60 to Angs. 26" Spanning, with
flanged brackets at each end of Sizer and Scantlings approved on plan.
Top and Bottom Angs. 5 x 3 x .36 Single.

3

"CORONDA"

Wear & Tear Repairs:-

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

Number of Certificate.	Anchor.*	WEIGHT. EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 30 or 31.			Description of Anchor.	Makers.	Where and when tested Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
	1st Bower															
	2nd "															
	3rd "															
	Collector's Weight.															
	Stream															
	Kedge															

* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

[illegible]

2.1K #2 Tank 2 floors retained with doublings locally.

All bulkheads in cargo holds overhauled, local repairs effected to the plating^{etc.} of bds. with part new where found necessary, rust bound rivets removed and renewed and all put in good condition. A number of rust bound rivets removed

Rudder lifted. Bushes of 4 pintles renewed, including those of 1st. and 2nd lower pintles. Brass sleeves renewed to 2 pintles; and rudder replaced. The butts of shell plating P.S. at upper turn of bilge examined. Some of these were found somewhat chafed at the upper corner of the butt; but in my opinion are still efficient.

To Complete the 2nd SS. No. 3 which it is the owners' intention to do within the year of Grace, the following remains to be done:-

Engine and Boiler Space, Chain locker, Lower Cross and Side bunkers, (ceiling height)
 "Tween Deck cross and Side bunkers, Bridge "Tween Deck cross and Side bunkers,
 Bridge "Tween Deck P.S. in way of fresh water tanks, Coal shoot, E & B. Casings,
 plating under sidelights, bulk, wedging and rigging, Windlass, Steering
 engine, Steering gear and Connections, hatchways and hatch covers, and
 D. Port. Tanks internally in way of E & B. space, to examine.

No 3 D. Foot Tank internally in way of Cross Bunker etc to examine.

D. Bot. Tanks in way of E & B. Space to test by head of water.

Cables and Anchors to range for examination. General equipment to examine and hand pumps to examine and test.

The shell plating to be drilled and gauged. 4 bolts of large
plating to be further examined. *stb*

Alterations. Conversion of Vessel to Carry Whale oil in bulk.
Now done:-

The holds of the Vessel now subdivided (inclusive of Deep Tank) into 7 Oil Compartments P & S. respectively, and Constructed in general accordance with the approved plans. The main scantlings as follows:-

1 Oil Comp^t. Cr. Line Hld. - 3/4" plated Vertically. Stiffeners 12 x 4 x 4 x .66 Chans. and 10 x 3 1/2 x .50 B. Gung.
26" Spacing, with flanged brackets at top and bottom of Stiffs and Scantlings as given on approved plan. Top and bottom angles 5 x 3 x .36 Single.

2. Oil Comp. Gr. line Blvd. .34 plates Vertically. Stiffeners $10 \times 3\frac{1}{2} \times \frac{1}{4}$ to B. Angs. and $12 \times 3\frac{1}{2} \times 3\frac{1}{2} \times .60$ Chans
16' Spacing, with flanged brackets at each end of Joys and Scantlings approved on plan.
Top and bottom ang. $5 \times 3 \times .36$ Single.

3rd Comp: Cr. Line Pled. .34 plated Vertically. Stiffers. $12 \times 3\frac{1}{2} \times .60$ S. Angs. 26" Spacing, with flanged brackets at each end of Sign and Seantlings approved on plans.
Top and Bottom Angs. $5 \times 3 \times .36$ Single.

"CORONDA".

4.
Nos. 5-6 & 7 Oil Compt^s. Cr. Line Bld. .32 plated Vertically. Stiffers. $5\frac{1}{2} \times 3 \times .40$ S. Angs. 26° Spacing with flanged brackets at each end of Stiffers and Scantlings approved on plan. Top and bottom Angs. $5 \times 3 \times .36$ Single.

all beams where cut at Cr. Line Bld. of each oil Compt^s bracketed as shown on app^d plan.

Existing Bld. Nos. 179, 145, & 37. Additionally stiffened by fitting brackets at the tops of the Vertical Stiffeners, and by fitting a $4 \times 3\frac{1}{2} \times .50$ reverse angle on the lower horizontal Stiffener, as app^d on plan of Typical Bld. Large flanged brackets fitted at Semi Box beam to Cr. Line Bld. and Side Stringers P.T.S. as shown on app^d plan.

Existing Bld. No. 125. Plating wholly renewed of $.40$ in thickness. Additionally stiffened as on Bld. Nos. 179, 145 & 37, and in accordance with plan of Typical Bld. Large flanged Bld. fitted at Semi Box beam to Cr. Line Bld. and Side Stringers P.T.S.

Additional Bld. No. 164. Plates .34. Stiffeners $12 \times 3\frac{1}{2} \times 3\frac{1}{2} \times .60$ Chans. 24° Spacing, with flanged brackets at each end as shown on app^d plan. Top and bottom Angs. $5 \times 5 \times .50$ Single. Bld. Connected to Side Stringers P.T.S. by large flanged brackets as shown on app^d plan.

Additional Bld. No. 57. Plates .34. Stiffeners $12 \times 3\frac{1}{2} \times 3\frac{1}{2} \times .50$ Chans. 24° Spacing, with flanged brackets at each end as shown on app^d plan. Top and bottom Angs. $5 \times 5 \times .50$ Single. Bld. Connected to Side Stringers P.T.S. by large flanged brackets as shown on app^d plan.

An efficient transverse wash bld. fitted in No. 7 Tank P.T.S. suitably stiffened. Vertical boundary angles of C. Line Bld. of $3 \times 3 \times .34$ angle.

Tunnel. Additional Stiffeners fitted on outside of tunnel of $5\frac{1}{2} \times 3 \times .40$ S. Angs. 26° Spacing, and bracketed to tank top and C. Line Bld. as shown on app^d plan.

Brown of Oil Compt^s. The deck plating stiffened on top Side P.T.S. with $6 \times 3 \times .40$ S. Ang. Stiffeners as shown on app^d plan. The original hatchway Coamings removed and deck plated over as necessary. Oil tight hatchways formed, and fitted with Coamings, Covers, etc., as shown on app^d plan. Oil tight circular trimming hatchways cut, and fitted with efficient Coamings and Covers. Circular expansion trunks fitted to each oil Compt^s of steel plates and Angs. instead of being square as originally app^d. Skirting plates fitted on the inside of the framing for full length of each oil Compt^s. P.T.S. riveted to the framing and to the stringer angles inside frames. These stringer angles and stringer shell lugs renewed P.T.S. in way of each oil Compt^s. The space between the Skirting plating and shell plating filled in solid with cement. Pillars refitted.

of Leith.

Continuation of Report No. 16,240 dated 12-1-23 on the

5.

"CORONDA"

General.

A girder already exists under Upper St. P.S. at ends of Bridge Erection.
Base of Boiler Room P.S. hose tested and found tight.

All new Steelwork efficiently riveted, and Caulked as necessary.

All Oil Compartments tested by head of water and found or made tight.

Pumping Arrangements.

Pumping installation and piping, Valves, rods, etc, fitted in accordance with the app^d plan. All piping in cargo oil tanks and bunkers efficiently protected from damage by cargo and bunker coal. This also applies to the air and sounding pipes, Control rods, and Valves in these Spaces and Tween Decks.
Air and Sounding pipes fitted to the oil Compts.

Rb

The approved plans are forwarded.

Rb



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