

IRON SHIP.

Rec'd 15th MAR. 1883

No. 3452 Survey held at Aberdeen Date, First Survey April 8th 1882 Last Survey March 13 1883

On the

TONNAGE under

Tonnage Deck

Ditto of Hold, Spar,

or Awning Deck

Ditto of Poop, or

Raised Quarter Deck

Ditto of Houses

on Deck

Ditto of Forecastle

Gross Tonnage

Less Crew Space

Less Engine Room

Register Tonnage

as cut on Beam

ONE, OR TWO DECKED, THREE DECKED VESSEL,
SPAR, OR AWNING-DECKED VESSEL.

Half Breadth (moulded)

Depth from upper part of Keel to top of Upper Deck Beams

Girth of Half Midship Frame (as per Rule)

1st Number

1st Number, if a 3-Decked Vessel .. deduct 7 feet

Length

2nd Number

Proportions— Breadths to Length

Depths to Length—Upper Deck to Keel

Main Deck ditto

Master

Built at

When built

Launched

By whom built

Owners

Residence

Port belonging to

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock,

Under Special Survey

LENGTH on deck as per Rule .. 248' 5" BREADTH—Moulded... 34' DEPTH top of Floors to Upper Deck Beams .. 14' 9 1/2" Power of Engines ... 150 Horse. N° of Decks with flat laid One N° of Tiers of Beams two

Dimensions of Ship per Register, length, 250' breadth, 34' 2" depth, 14' 7 1/2"

	Inches in Ship.	Inches per Rule.		Inches in Ship.	Inches per Rule.
KEEL, depth and thickness	9 1/2 x 3 1/2	9 1/2 x 3 1/2	FLAT KEEL PLATES, breadth and thickness		
STEM, moulding and thickness	8 1/2 x 2 1/2	8 1/2 x 2 1/2	PLATES in Garboard Strakes, br'dth & thickness	34	11/
STERN-POST for Rudder do. do.	8 1/2 x 5	8 1/2 x 5	" From Garboard to upper part of Bilges	10/	10/
" " for Propeller	8 1/2 x 5	8 1/2 x 5	" Of d'bling at Bilge, or increased thickness, and length applied 1/2 length	11/	11/
Distance of Frames from moulding edge to moulding edge, all fore and aft	24 1/2	24 1/2	" From up. prt of Bilge to lr. edge of Sh'rstrake	10/	10/
FRAMES, Angle Iron, for 1/2 length amidships	4 1/2 3 4/	4 1/2 3 4/	" Main Sheerstrake, breadth and thickness	44	14/
Do. for 1/2 at each end	4 1/2 3 4/	4 1/2 3 4/	" Of d'bling at Sh'stk. & lng. applied 1/2 length	33	10/
REVERSED FRAMES, Angle Iron	3 3 4/	3 3 4/	" From M'n. to Up. or Spar Dk. Sh'rstrake		
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships	2 1/2 9/10/	2 1/2 9/10/	" Up. or Spar Dk Sh'rstrake, br'dth & thickn'ss		
" thickness at the ends of vessel	12	10 1/2	Butt Straps to outside plating, breadth & thickness	12 1/2 x 14 1/2	12 1/2 x 14 1/2
" depth at 3/4 the half-bdth. as per Rule	40 inches	42 inches	Lengths of Plating		
" height extended at the Bilges			Shifts of Plating, and Stringers		
BEAMS, Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	6 9/	6 9/	Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness	39	10/
Single or double Angle Iron on Upper edge	3 3 9/	3 3 9/	Angle Iron on ditto	5 4 9/	5 4 9/
Average space	every frame	every frame	Tie Plates fore and aft, outside Hatchways		
BEAMS, Main, or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron			Diagonal Tie Plates on Beams, No. of Pairs		
Single or double Angle Iron on Upper Edge			Flat of Up., Spar, or Awning Dk.	9	9/
Average space			How fastened to Beams		
BEAMS, Lower Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron			Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness		
Single or double Angle Iron on Upper Edge			Is the Stringer Plate attached to the outside plating?		
Average space			Angle Irons on ditto, No.		
BEAMS, Hold, or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	9 9/	9 9/	Tie Plates, outside Hatchways		
Single or double Angle Iron on Upper Edge	8 1/4 3 1/2 9/	8 1/4 3 1/2 9/	Diagonal Tie Plates on Beams, No. of pairs		
Average space	8" frame	8" frame	Flat of Middle Deck* do.		
KEELSONS Centre line, single or double plate, box, or intercostal, Plates	14 12/	14 12/	How fastened to Beams		
" Rider Plate	10 1/2 12/	10 1/2 12/	Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	32	9/
" Bulb Plate to Intercostal Keelson	5 4 9/	5 4 9/	Is the Stringer Plate attached to the outside plating?		
" Angle Irons	5 4 9/	5 4 9/	Angle Irons on ditto, No.	4 4 9/	4 4 9/
" Double Angle Iron Side Keelson	5 4 9/	5 4 9/	Stringer or Tie Plates, outside Hatchways		
" Side Intercostal Plate	5 4 9/	5 4 9/	Flat of Lower Deck*		
" do. Angle Irons	5 4 9/	5 4 9/			
" Attached to outside plating with angle iron	5 4 9/	5 4 9/			
BILGE Angle Irons	5 4 9/	5 4 9/	Ceiling betwixt Decks, thickness and material	1 1/2 x 4	
" do. Bulb Iron	8 8/	8 8/	" in hold do. do.	2 1/2	2 1/2
" do. Intercostal plates riveted to plating for length			Main piece of Rudder, diameter at head	6 1/4	6 1/4
BILGE STRINGER Angle Irons			" do. at heel	3 1/4	3 1/4
Intercostal plates riveted to plating for length			Can the Rudder be unshipped afloat?		
SIDE STRINGER Angle Irons	5 4 9/	5 4 9/	Bulkheads No. 5 No. per Rule		

The FRAMES extend in one length from Keel to gunwale Riveted through plates with 3/4 1/8 in. Rivets, about 5" apart.

The REVERSED ANGLE IRONS on floors and frames extend across middle line to above hold beam string and to gunwale alternately

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? yes And butts properly shifted? yes

PLATING. Garboard, double riveted to Keel, with rivets 1 1/8 in. diameter, averaging 5 ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 3/4 1/8 in. diameter, averaging 3 1/2 ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 3/4 1/8 in. diameter averaging 3 1/2 ins. from centre to centre.

Butts of four Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 1/8 thicker than the plates they connect.

Edges from Bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets 3/4 1/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 3/4 1/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.

Edges of Main Sheerstrake, double or single riveted Upper Sheerstrake, double or single riveted.

Butts of Main Sheerstrake, treble riveted for 1/2 length amidships. Butts of Upper or Spar Sheerstrake, treble riveted length amidships.

Butts of Main Stringer Plate, treble riveted for 1/2 length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for length.

Breadth of laps of plating in double riveting 5/4 to 5/8 Breadth of laps of plating in single riveting

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? No. of Breasthooks, 4 Crutches, 4

That description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? D. P. C. Skene and

Manufacturer's name or trade mark, Consell plating

The above is a correct description.

Surveyor's Signature, Hall Russell & Co. Surveyor's Signature, J. P. Kettle

Surveyor to Lloyd's Register of British and Foreign Shipping.

Workmanship. Are the butts of plating planed or otherwise fitted? *all planed 3452 ABn*
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *yes*
Are the fillings between the ribs and plates solid single pieces? *yes*
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes*
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes*
Do any rivets break into or through the seams or butts of the plating? *a few in corners of butts.*

Masts, Bowsprit, Yards, &c., are *Iron, pitch and varnish in good condition*, and sufficient in size and length. If of Iron or Steel give Scantlings of Plating, Angle Irons, &c., and further explain by a sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit *Masts fore and main are formed of two plates of 7/8 thick bands double clincher. Butts bevelled and butted shape 1/8 thicker than plates. Length of fore mast deck to hounds 48.3. Main deck 23. Keel 19 1/2 hounds 10 1/4. Length of main mast 45 feet. Same as fore mast. Laid by R. Bunce. Low Walker Sept 7, 25 1882. Laid by R. Bunce. Low Walker 13 Dec 1882.*

NUMBER for EQUIPMENT		Fathoms.	Inches.	Test per Certificate.	Inches per Rule.	Machine where Tested & Suprntd.	ANCHORS.	Nº.	Weight. By Stock.	Test per Certificate.	Wght req'd per Rule.	Machine where Tested & Suprntd.
SAILS.							Bower Anchors	3	25.2.14	25.5.3.21	25.2.0	25 3/20
One complete but	Fore Sails,	240	1 5/8	44 1/2 25 tons	240 1 5/8	44 1/2 25 tons	(State Machine where Tested, Date, or No. of Certificate, & Name of Superintendent.)		5.0.0			
	Fore Top Sails,	45	1	18 1/2 24 tons	45 1	18 1/2 24 tons			24.3.14 3.3.14	24.12.3.4	23.2.10	23 1/20
	Fore Topmast Stay Sails,								23.2.14 4.3.14	23.11.3.14	21.2.2.0	22 3/20
	Main Sails,	90	3 1/4	22 tons	90 3 1/4	22 tons						
	Main Top Sails,	90	8 1/2		90-8 1/2		Stream Anchor	1	8.2.14 2.1.0	10.15.0.0	8.2.0	10 12/20
and		120	5		120-5		Kedge	1	4.6.14 1.6.14	6.13.3.0	4.1.0	6 12/20
quality		100	4 1/2		100-4 1/2		2nd Kedge	1	2.1.4 2.1.4	4.14.2.0	2.1.0	4 15/20

Standing and Running Rigging *gal. wire, hemp* sufficient in size and *good* quality. She has *one 20 ft* Long Boat and *2 22 ft* life boats *1 21 ft* 9 in

The Windlass is *Harpleas patent* Capstan *iron* and Rudder *good* Pumps *6"* 7 in *sea efficient*

Engine Room Skylights.—How constructed? *Iron crammings kept above* How secured in ordinary weather? *bolted to crammings*

What arrangements for deadlights in bad weather? *glass butty eyes in top of skylight*

Coal Bunker Openings.—How constructed? *Cup. and wrought iron crammings* How are lids secured? *with a bar.* Height above deck? *12 and 36 inches above deck.*

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Two discharge ports and eight scuppers on each side.*

Cargo Hatchways.—How formed? *Iron crammings riveted to beams, hip plates and iron deck*

State size Main Hatch *20.0 x 11.5* Fore hatch *12.0 x 11.5* Quarter hatch *20.0 x 11.5*

If of extraordinary size, state how framed and secured? *Medium size*

What arrangement for shifting beams? *Deep web plate in Main and Quarter hatches. strong beam in fore hatch*

Hatches, If strong and efficient? *Yes. solid 2 1/2 inches thick*

Order for Special Survey No. *570* DATES of Surveys held while building as per Section 18. 1st. On the several parts of the frame, when in place, and before the plating was wrought *Built under special survey as follows. April 6.8.10.12.13.14.15.19.20.21*

Date *Dec 3 1881* 2nd. On the plating during the process of riveting *22.26.27.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63.64.65.66.67.68.69.70.71.72.73.74.75.76.77.78.79.80.81.82.83.84.85.86.87.88.89.90.91.92.93.94.95.96.97.98.99.100.101.102.103.104.105.106.107.108.109.110.111.112.113.114.115.116.117.118.119.120.121.122.123.124.125.126.127.128.129.130.131.132.133.134.135.136.137.138.139.140.141.142.143.144.145.146.147.148.149.150.151.152.153.154.155.156.157.158.159.160.161.162.163.164.165.166.167.168.169.170.171.172.173.174.175.176.177.178.179.180.181.182.183.184.185.186.187.188.189.190.191.192.193.194.195.196.197.198.199.200.201.202.203.204.205.206.207.208.209.210.211.212.213.214.215.216.217.218.219.220.221.222.223.224.225.226.227.228.229.230.231.232.233.234.235.236.237.238.239.240.241.242.243.244.245.246.247.248.249.250.251.252.253.254.255.256.257.258.259.260.261.262.263.264.265.266.267.268.269.270.271.272.273.274.275.276.277.278.279.280.281.282.283.284.285.286.287.288.289.290.291.292.293.294.295.296.297.298.299.300.301.302.303.304.305.306.307.308.309.310.311.312.313.314.315.316.317.318.319.320.321.322.323.324.325.326.327.328.329.330.331.332.333.334.335.336.337.338.339.340.341.342.343.344.345.346.347.348.349.350.351.352.353.354.355.356.357.358.359.360.361.362.363.364.365.366.367.368.369.370.371.372.373.374.375.376.377.378.379.380.381.382.383.384.385.386.387.388.389.390.391.392.393.394.395.396.397.398.399.400.401.402.403.404.405.406.407.408.409.410.411.412.413.414.415.416.417.418.419.420.421.422.423.424.425.426.427.428.429.430.431.432.433.434.435.436.437.438.439.440.441.442.443.444.445.446.447.448.449.450.451.452.453.454.455.456.457.458.459.460.461.462.463.464.465.466.467.468.469.470.471.472.473.474.475.476.477.478.479.480.481.482.483.484.485.486.487.488.489.490.491.492.493.494.495.496.497.498.499.500.501.502.503.504.505.506.507.508.509.510.511.512.513.514.515.516.517.518.519.520.521.522.523.524.525.526.527.528.529.530.531.532.533.534.535.536.537.538.539.540.541.542.543.544.545.546.547.548.549.550.551.552.553.554.555.556.557.558.559.560.561.562.563.564.565.566.567.568.569.570.571.572.573.574.575.576.577.578.579.580.581.582.583.584.585.586.587.588.589.590.591.592.593.594.595.596.597.598.599.600.601.602.603.604.605.606.607.608.609.610.611.612.613.614.615.616.617.618.619.620.621.622.623.624.625.626.627.628.629.630.631.632.633.634.635.636.637.638.639.640.641.642.643.644.645.646.647.648.649.650.651.652.653.654.655.656.657.658.659.660.661.662.663.664.665.666.667.668.669.670.671.672.673.674.675.676.677.678.679.680.681.682.683.684.685.686.687.688.689.690.691.692.693.694.695.696.697.698.699.700.701.702.703.704.705.706.707.708.709.710.711.712.713.714.715.716.717.718.719.720.721.722.723.724.725.726.727.728.729.730.731.732.733.734.735.736.737.738.739.740.741.742.743.744.745.746.747.748.749.750.751.752.753.754.755.756.757.758.759.760.761.762.763.764.765.766.767.768.769.770.771.772.773.774.775.776.777.778.779.780.781.782.783.784.785.786.787.788.789.790.791.792.793.794.795.796.797.798.799.800.801.802.803.804.805.806.807.808.809.810.811.812.813.814.815.816.817.818.819.820.821.822.823.824.825.826.827.828.829.830.831.832.833.834.835.836.837.838.839.840.841.842.843.844.845.846.847.848.849.850.851.852.853.854.855.856.857.858.859.860.861.862.863.864.865.866.867.868.869.870.871.872.873.874.875.876.877.878.879.880.881.882.883.884.885.886.887.888.889.890.891.892.893.894.895.896.897.898.899.900.901.902.903.904.905.906.907.908.909.910.911.912.913.914.915.916.917.918.919.920.921.922.923.924.925.926.927.928.929.930.931.932.933.934.935.936.937.938.939.940.941.942.943.944.945.946.947.948.949.950.951.952.953.954.955.956.957.958.959.960.961.962.963.964.965.966.967.968.969.970.971.972.973.974.975.976.977.978.979.980.981.982.983.984.985.986.987.988.989.990.991.992.993.994.995.996.997.998.999.1000.1001.1002.1003.1004.1005.1006.1007.1008.1009.1010.1011.1012.1013.1014.1015.1016.1017.1018.1019.1020.1021.1022.1023.1024.1025.1026.1027.1028.1029.1030.1031.1032.1033.1034.1035.1036.1037.1038.1039.1040.1041.1042.1043.1044.1045.1046.1047.1048.1049.1050.1051.1052.1053.1054.1055.1056.1057.1058.1059.1060.1061.1062.1063.1064.1065.1066.1067.1068.1069.1070.1071.1072.1073.1074.1075.1076.1077.1078.1079.1080.1081.1082.1083.1084.1085.1086.1087.1088.1089.1090.1091.1092.1093.1094.1095.1096.1097.1098.1099.1100.1101.1102.1103.1104.1105.1106.1107.1108.1109.1110.1111.1112.1113.1114.1115.1116.1117.1118.1119.1120.1121.1122.1123.1124.1125.1126.1127.1128.1129.1130.1131.1132.1133.1134.1135.1136.1137.1138.1139.1140.1141.1142.1143.1144.1145.1146.1147.1148.1149.1150.1151.1152.1153.1154.1155.1156.1157.1158.1159.1160.1161.1162.1163.1164.1165.1166.1167.1168.1169.1170.1171.1172.1173.1174.1175.1176.1177.1178.1179.1180.1181.1182.1183.1184.1185.1186.1187.1188.1189.1190.1191.1192.1193.1194.1195.1196.1197.1198.1199.1200.1201.1202.1203.1204.1205.1206.1207.1208.1209.1210.1211.1212.1213.1214.1215.1216.1217.1218.1219.1220.1221.1222.1223.1224.1225.1226.1227.1228.1229.1230.1231.1232.1233.1234.1235.1236.1237.1238.1239.1240.1241.1242.1243.1244.1245.1246.1247.1248.1249.1250.1251.1252.1253.1254.1255.1256.1257.1258.1259.1260.1261.1262.1263.1264.1265.1266.1267.1268.1269.1270.1271.1272.1273.1274.1275.1276.1277.1278.1279.1280.1281.1282.1283.1284.1285.1286.1287.1288.1289.1290.1291.1292.1293.1294.1295.1296.1297.1298.1299.1300.1301.1302.1303.1304.1305.1306.1307.1308.1309.1310.1311.1312.1313.1314.1315.1316.1317.1318.1319.1320.1321.1322.1323.1324.1325.1326.1327.1328.1329.1330.1331.1332.1333.1334.1335.1336.1337.1338.1339.1340.1341.1342.1343.1344.1345.1346.1347.1348.1349.1350.1351.1352.1353.1354.1355.1356.1357.1358.1359.1360.1361.1362.1363.1364.1365.1366.1367.1368.1369.1370.1371.1372.1373.1374.1375.1376.1377.1378.1379.1380.1381.1382.1383.1384.1385.1386.1387.1388.1389.1390.1391.1392.1393.1394.1395.1396.1397.1398.1399.1400.1401.1402.1403.1404.1405.1406.1407.1408.1409.1410.1411.1412.1413.1414.1415.1416.1417.1418.1419.1420.1421.1422.1423.1424.1425.1426.1427.1428.1429.1430.1431.1432.1433.1434.1435.1436.1437.1438.1439.1440.1441.1442.1443.1444.1445.1446.1447.1448.1449.1450.1451.1452.1453.1454.1455.1456.1457.1458.1459.1460.1461.1462.1463.1464.1465.1466.1467.1468.1469.1470.1471.1472.1473.1474.1475.1476.1477.1478.1479.1480.1481.1482.1483.1484.1485.1486.1487.1488.1489.1490.1491.1492.1493.1494.1495.1496.1497.1498.1499.1500.1501.1502.1503.1504.1505.1506.1507.1508.1509.1510.1511.1512.1513.1514.1515.1516.1517.1518.1519.1520.1521.1522.1523.1524.1525.1526.1527.1528.1529.1530.1531.1532.1533.1534.1535.1536.1537.1538.1539.1540.1541.1542.1543.1544.1545.1546.1547.1548.1549.1550.1551.1552.1553.1554.1555.1556.1557.1558.1559.1560.1561.1562.1563.1564.1565.1566.1567.1568.1569.1570.1571.1572.1573.1574.1575.1576.1577.1578.1579.1580.1581.1582.1583.1584.1585.1586.1587.1588.1589.1590.1591.1592.1593.1594.1595.1596.1597.1598.1599.1600.1601.1602.1603.1604.1605.1606.1607.1608.1609.1610.1611.1612.1613.1614.1615.1616.1617.1618.1619.1620.1621.1622.1623.1624.1625.1626.1627.1628.1629.1630.1631.1632.1633.1634.1635.1636.1637.1638.1639.1640.1641.1642.1643.1644.1645.1646.1647.1648.1649.1650.1651.1652.1653.1654.1655.1656.1657.1658.1659.1660.1661.1662.1663.1664.1665.1666.1667.1668.1669.1670.1671.1672.1673.1674.1675.1676.1677.1678.1679.1680.1681.1682.1683.1684.1685.1686.1687.1688.1689.1690.1691.1692.1693.1694.1695.1696.1697.1698.1699.1700.1701.1702.1703.1704.1705.1706.1707.1708.1709.1710.1711.1712.1713.1714.1715.1716.1717.1718.1719.1720.1721.1722.1723.1724.1725.1726.1727.1728.1729.1730.1731.1732.1733.1734.1735.1736.1737.1738.1739.1740.1741.1742.1743.1744.1745.1746.1747.1748.1749.1750.1751.1752.1753.1754.1755.1756.1757.1758.1759.1760.1761.1762.1763.1764.1765.1766.1767.1768.1769.1770.1771.1772.1773.1774.1775.1776.1777.1778.1779.1780.1781.1782.1783.1784.1785.1786.1787.1788.1789.1790.1791.1792.1793.1794.1795.1796.1797.1798.1799.1800.1801.1802.1803.1804.1805.1806.1807.1808.1809.1810.1811.1812.1813.1814.1815.1816.1817.1818.1819.1820.1821.1822.1823.1824.1825.1826.1827.1828.1829.1830.1831.1832.1833.1834.1835.1836.1837.1838.1839.1840.1841.1842.1843.1844.1845.1846.1847.1848.1849.1850.1851.1852.1853.1854.1855.1856.1857.1858.1859.1860.1861.1862.1863.1864.1865.1866.1867.1868.1869.1870.1871.1872.1873.1874.1875.1876.1877.1878.1879.1880.1881.1882.1883.1884.1885.1886.1887.1888.1889.1890.1891.1892.1893.1894.1895.1896.1897.1898.1899.1900.1901.1902.1903.1904.1905.1906.1907.1908.1909.1910.1911.1912.1913.1914.1915.1916.1917.1918.1919.1920.1921.1922.1923.1924.1925.1926.1927.1928.1929.1930.1931.1932.1933.1934.1935.1936.1937.1938.1939.1940.1941.1942.1943.1944.1945.1946.1947.1948.1949.1950.1951.1952.1953.1954.1955.1956.1957.1958.1959.1960.1961.1962.1963.1964.1965.1966.1967.1968.1969.1970.1971.1972.1973.1974.1975.1976.1977.1978.1979.1980.1981.1982.1983.1984.1985.1986.1987.1988.1989.1990.1991.1992.1993.1994.1995.1996.1997.1998.1999.2000.2001.2002.2003.2004.2005.2006.2007.2008.2009.2010.2011.2012.2013.2014.2015.2016.2017.2018.2019.2020.2021.2022.2023.2024.2025.2026.2027.2028.2029.2030.2031.2032.2033.2034.2035.2036.2037.2038.2039.2040.2041.2042.2043.2044.2045.2046.2047.2048.2049.2050.2051.2052.2053.2054.2055.2056.2057.2058.2059.2060.2061.2062.2063.2064.2065.2066.2067.2068.2069.2070.2071.2072.2073.2074.2075.2076.2077.2078.2079.2080.2081.2082.2083.2084.2085.2086.2087.2088.2089.2090.2091.2092.2093.2094.2095.2096.2097.2098.2099.2100.2101.2102.2103.2104.2105.2106.2107.2108.2109.2110.2111.2112.2113.2114.2115.2116.2117.2118.2119.2120.2121.2122.2123.2124.2125.2126.2127.2128.2129.2130.2131.2132.2133.2134.2135.2136.2137.2138.2139.2140.2141.2142.2143.2144.2145.2146.2147.2148.2149.2150.2151.2152.2153.2154.2155.2156.2157.2158.2159.2160.2161.2162.2163.2164.2165.2166.2167.2168.2169.2170.2171.2172.2173.2174.2175.2176.2177.2178.2179.2180.2181.2182.2183.2184.218*