

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

Date of writing Report

10

When handed in at Local Office

2nd Nov 1926 Port of

NEWCASTLE-ON-TYNE

o. in Survey held at

South Shields

Date, First Survey

28th Sept

Last Survey

2nd November 1926

2544 on the

S.S. "Southgate" ex "Arabistan"

(Number of Visits 29.)

Tons { Gross 4853
Net 2970

uilt at SOUTH SHIELDS By whom built John Readhead & Sons Ltd.

Yard No. 482

When built 1926-11

Engines made at SOUTH SHIELDS

By whom made John Readhead & Sons Ltd

Engine No. 482

when made 1926

Boilers made at SOUTH SHIELDS

By whom made John Readhead & Sons Ltd

Boiler No. 482

when made 1926

Registered Horse Power

Owners

Turnbull Scott & Co

Port belonging to

London

om. Horse Power as per Rule

456

Is Refrigerating Machinery fitted for cargo purposes

No

Is Electric Light fitted

yes

rade for which Vessel is intended

GINES, &c.—Description of Engines Triple-expansion, Inverted, Direct-acting, Reciprocating Revs. per minute

ia. of Cylinders 27"-44"-73"

Length of Stroke 48"

No. of Cylinders three

No. of Cranks three

rank shaft, dia. of journals

as per Rule 13.85"

as fitted 14"

Crank pin dia. 14"

Crank webs

Mid. length breadth 1.7"

shrunk

Thickness parallel to axis 9.8"

Intermediate Shafts, diameter

as per Rule 13.2"

as fitted 13.4"

Thrust shaft, diameter at collars

as per Rule 13.85"

as fitted 14.5"

ube Shafts, diameter

as per Rule

as fitted

Screw Shaft, diameter

as per Rule 14.68"

as fitted 14.4"

Is the

shaft fitted with a continuous liner

yes

ronze Liners, thickness in way of bushes

as per Rule .748"

as fitted 3/4"

Thickness between bushes

as per Rule .562"

as fitted .5"

Is the after end of the liner made watertight in the

propeller boss yes If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner

the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive

two liners are fitted, is the shaft lapped or protected between the liners

yes

Is an approved Oil Gland or other appliance fitted at the after

d of the tube shaft

no

Length of Bearing in Stern Bush next to and supporting propeller

5'-0"

propeller, dia. 17'-9"

Pitch 17'-0"

No. of Blades 4

Material Mon. Bronze

whether Moveable no

Total Developed Surface 96 sq. feet

eed Pumps worked from the Main Engines, No. 2

Diameter 4 1/2"

Stroke 24"

Can one be overhauled while the other is at work

yes

ilge Pumps worked from the Main Engines, No. 2

Diameter 4 1/2"

Stroke 24"

Can one be overhauled while the other is at work

yes

eed { No. and size

Two Weirs 9 1/2" x 7' x 21"

umps { How driven

Steam

Pumps connected to the

No. and size

One 10" x 10" x 10" duplex. (Ballast Pump)

allast Pumps, No. and size

One 10" x 10" x 10" Duplex

Lubricating Oil Pumps, including Spare Pump, No. and size

yes

re two independent means arranged for circulating water through the Oil Cooler

yes

Suctions, connected to both Main Bilge Pumps and Auxiliary

ilge Pumps;—In Engine and Boiler Room

3-2 3/4" 1-4 3/4"

h Holds, &c. No 1-2-3"; No 2-2-3 1/2"; No 3-2-3"; No 4-2-3"

ain Water Circulating Pump Direct Bilge Suctions, No. and size one 8"

No. and size one - 4 3/4"

Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes

yes

re the Bilge Suctions in the Machinery Space led from easily accessible mud-boxes, placed above the level of the working floor, with straight tail pipes to the bilges

yes

re all Sea Connections fitted direct on the skin of the ship

yes

Are they fitted with Valves or Cocks

Both

re they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates

yes

Are the Overboard Discharges above or below the deep water line

both

re they each fitted with a Discharge Valve always accessible on the plating of the vessel

yes

Are the Blow Off Cocks fitted with a spigot and brass covering plate

yes

hat Pipes are carried through the bunkers

none

How are they protected

—

hat pipes pass through the deep tanks

none

Have they been tested as per Rule

—

re all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times

yes

the arrangement of Valves and their connections such as to prevent the possibility of water passing from the sea or from water tanks into the cargo or machinery spaces, or from one

partment to another

yes

Is the Shaft Tunnel watertight

yes

Is it fitted with a watertight door

yes

worked from top platform

AIN BOILERS, &c.—(Letter for record

(7)

Total Heating Surface of Boilers

7824 sq. ft.

Forced Draft fitted

no

No. and Description of Boilers 3-Cylindrical Multitubular

Working Pressure 180 lbs per sq. in.

S A REPORT ON MAIN BOILERS NOW FORWARDED?

yes

S A DONKEY BOILER FITTED?

no

If so, is a report now forwarded?

yes

PLANS. Are approved plans forwarded herewith for Shafting

yes

Main Boilers

yes

Auxiliary Boilers

—

Donkey Boilers

—

(If not state date of approval)

uperheaters

—

General Pumping Arrangements

yes

Oil fuel Burning Piping Arrangements

yes

ARE GEAR. State the articles supplied:—

2 piston Rod bolts & nuts: 2 Connecting Rod bolts & nuts: 2 main bearing bolts & nuts:

1 set Coupling bolts & nuts: 1 set Feed pump Valves: 1 set Bilge pump Valves: 1 Propeller: Tailshaft: a quantity assorted

bolts & nuts.

The foregoing is a correct description,

FOR JOHN READHEAD & SONS, LIMITED.

Manufacturer.



© 2020

Lloyd's Register Foundation

002846-002852-0239

1925
During progress of work in shops - - -
June 1. July 19. Oct. 6. 7. 18. 19. 20. 22. 26. Nov. 2.
1926
Jan. 8. 21. 22. Feb. 4. 16. 24. Apr. 20.
Dates of Survey while building
Total No. of visits 29.

Dates of Examination of principal parts—Cylinders 19. 11. 25. 24. 11. 25. Slides 8. 1. 26. Covers 8. 1. 26
Pistons 8. 1. 26 Piston Rods 16. 2. 26 Connecting rods 16. 2. 26
Crank shaft 1. 11. 25. 4. 12. 25 18. 11. 25 Greenhough Thrust shaft 1. 11. 25 22. 1. 26 Intermediate shafts 8. 1. 26 22. 1. 26
Tube shaft ✓ Screw shaft 8. 1. 26 22. 1. 26 Propellers 8/4/26 - 18/4/26
Stern tube 20/4/26 Engine and boiler seatings 20/4/26 Engines holding down bolts 20/10/26
Completion of pumping arrangements 26/10/26 Boilers fixed 18/10/26 Engines tried under steam 22/10/26
Main boiler safety valves adjusted 22/10/26 Thickness of adjusting washers Star Bo. { P 7/16 : S 1/8 : Centre Bo. { P 7/16 : S 3/16 : Port Bo. { P 7/16 : S 3/16 :
Crank shaft material SM/STEEL Identification Mark 7851 Thrust shaft material SM/STEEL Identification Mark 7874
Intermediate shafts, material SM/STEEL Identification Marks 7821. 7822. 7826. 7829. 7830. 7831. 7832. 7833. 7834. 7835. 7836. 7837. 7838. 7839. 7840. 7841. 7842. 7843. 7844. 7845. 7846. 7847. 7848. 7849. 7850. 7851. 7852. 7853. 7854. 7855. 7856. 7857. 7858. 7859. 7860. 7861. 7862. 7863. 7864. 7865. 7866. 7867. 7868. 7869. 7870. 7871. 7872. 7873. 7874. 7875. 7876. 7877. 7878. 7879. 7880. 7881. 7882. 7883. 7884. 7885. 7886. 7887. 7888. 7889. 7890. 7891. 7892. 7893. 7894. 7895. 7896. 7897. 7898. 7899. 7900. 7901. 7902. 7903. 7904. 7905. 7906. 7907. 7908. 7909. 7910. 7911. 7912. 7913. 7914. 7915. 7916. 7917. 7918. 7919. 7920. 7921. 7922. 7923. 7924. 7925. 7926. 7927. 7928. 7929. 7930. 7931. 7932. 7933. 7934. 7935. 7936. 7937. 7938. 7939. 7940. 7941. 7942. 7943. 7944. 7945. 7946. 7947. 7948. 7949. 7950. 7951. 7952. 7953. 7954. 7955. 7956. 7957. 7958. 7959. 7960. 7961. 7962. 7963. 7964. 7965. 7966. 7967. 7968. 7969. 7970. 7971. 7972. 7973. 7974. 7975. 7976. 7977. 7978. 7979. 7980. 7981. 7982. 7983. 7984. 7985. 7986. 7987. 7988. 7989. 7990. 7991. 7992. 7993. 7994. 7995. 7996. 7997. 7998. 7999. 8000. 8001. 8002. 8003. 8004. 8005. 8006. 8007. 8008. 8009. 8010. 8011. 8012. 8013. 8014. 8015. 8016. 8017. 8018. 8019. 8020. 8021. 8022. 8023. 8024. 8025. 8026. 8027. 8028. 8029. 8030. 8031. 8032. 8033. 8034. 8035. 8036. 8037. 8038. 8039. 8040. 8041. 8042. 8043. 8044. 8045. 8046. 8047. 8048. 8049. 8050. 8051. 8052. 8053. 8054. 8055. 8056. 8057. 8058. 8059. 8060. 8061. 8062. 8063. 8064. 8065. 8066. 8067. 8068. 8069. 8070. 8071. 8072. 8073. 8074. 8075. 8076. 8077. 8078. 8079. 8080. 8081. 8082. 8083. 8084. 8085. 8086. 8087. 8088. 8089. 8090. 8091. 8092. 8093. 8094. 8095. 8096. 8097. 8098. 8099. 8100. 8101. 8102. 8103. 8104. 8105. 8106. 8107. 8108. 8109. 8110. 8111. 8112. 8113. 8114. 8115. 8116. 8117. 8118. 8119. 8120. 8121. 8122. 8123. 8124. 8125. 8126. 8127. 8128. 8129. 8130. 8131. 8132. 8133. 8134. 8135. 8136. 8137. 8138. 8139. 8140. 8141. 8142. 8143. 8144. 8145. 8146. 8147. 8148. 8149. 8150. 8151. 8152. 8153. 8154. 8155. 8156. 8157. 8158. 8159. 8160. 8161. 8162. 8163. 8164. 8165. 8166. 8167. 8168. 8169. 8170. 8171. 8172. 8173. 8174. 8175. 8176. 8177. 8178. 8179. 8180. 8181. 8182. 8183. 8184. 8185. 8186. 8187. 8188. 8189. 8190. 8191. 8192. 8193. 8194. 8195. 8196. 8197. 8198. 8199. 8200. 8201. 8202. 8203. 8204. 8205. 8206. 8207. 8208. 8209. 8210. 8211. 8212. 8213. 8214. 8215. 8216. 8217. 8218. 8219. 8220. 8221. 8222. 8223. 8224. 8225. 8226. 8227. 8228. 8229. 8230. 8231. 8232. 8233. 8234. 8235. 8236. 8237. 8238. 8239. 8240. 8241. 8242. 8243. 8244. 8245. 8246. 8247. 8248. 8249. 8250. 8251. 8252. 8253. 8254. 8255. 8256. 8257. 8258. 8259. 8260. 8261. 8262. 8263. 8264. 8265. 8266. 8267. 8268. 8269. 8270. 8271. 8272. 8273. 8274. 8275. 8276. 8277. 8278. 8279. 8280. 8281. 8282. 8283. 8284. 8285. 8286. 8287. 8288. 8289. 8290. 8291. 8292. 8293. 8294. 8295. 8296. 8297. 8298. 8299. 8300. 8301. 8302. 8303. 8304. 8305. 8306. 8307. 8308. 8309. 8310. 8311. 8312. 8313. 8314. 8315. 8316. 8317. 8318. 8319. 8320. 8321. 8322. 8323. 8324. 8325. 8326. 8327. 8328. 8329. 8330. 8331. 8332. 8333. 8334. 8335. 8336. 8337. 8338. 8339. 8340. 8341. 8342. 8343. 8344. 8345. 8346. 8347. 8348. 8349. 8350. 8351. 8352. 8353. 8354. 8355. 8356. 8357. 8358. 8359. 8360. 8361. 8362. 8363. 8364. 8365. 8366. 8367. 8368. 8369. 8370. 8371. 8372. 8373. 8374. 8375. 8376. 8377. 8378. 8379. 8380. 8381. 8382. 8383. 8384. 8385. 8386. 8387. 8388. 8389. 8390. 8391. 8392. 8393. 8394. 8395. 8396. 8397. 8398. 8399. 8400. 8401. 8402. 8403. 8404. 8405. 8406. 8407. 8408. 8409. 8410. 8411. 8412. 8413. 8414. 8415. 8416. 8417. 8418. 8419. 8420. 8421. 8422. 8423. 8424. 8425. 8426. 8427. 8428. 8429. 8430. 8431. 8432. 8433. 8434. 8435. 8436. 8437. 8438. 8439. 8440. 8441. 8442. 8443. 8444. 8445. 8446. 8447. 8448. 8449. 8450. 8451. 8452. 8453. 8454. 8455. 8456. 8457. 8458. 8459. 8460. 8461. 8462. 8463. 8464. 8465. 8466. 8467. 8468. 8469. 8470. 8471. 8472. 8473. 8474. 8475. 8476. 8477. 8478. 8479. 8480. 8481. 8482. 8483. 8484. 8485. 8486. 8487. 8488. 8489. 8490. 8491. 8492. 8493. 8494. 8495. 8496. 8497. 8498. 8499. 8500. 8501. 8502. 8503. 8504. 8505. 8506. 8507. 8508. 8509. 8510. 8511. 8512. 8513. 8514. 8515. 8516. 8517. 8518. 8519. 8520. 8521. 8522. 8523. 8524. 8525. 8526. 8527. 8528. 8529. 8530. 8531. 8532. 8533. 8534. 8535. 8536. 8537. 8538. 8539. 8540. 8541. 8542. 8543. 8544. 8545. 8546. 8547. 8548. 8549. 8550. 8551. 8552. 8553. 8554. 8555. 8556. 8557. 8558. 8559. 8560. 8561. 8562. 8563. 8564. 8565. 8566. 8567. 8568. 8569. 8570. 8571. 8572. 8573. 8574. 8575. 8576. 8577. 8578. 8579. 8580. 8581. 8582. 8583. 8584. 8585. 8586. 8587. 8588. 8589. 8590. 8591. 8592. 8593. 8594. 8595. 8596. 8597. 8598. 8599. 8600. 8601. 8602. 8603. 8604. 8605. 8606. 8607. 8608. 8609. 8610. 8611. 8612. 8613. 8614. 8615. 8616. 8617. 8618. 8619. 8620. 8621. 8622. 8623. 8624. 8625. 8626. 8627. 8628. 8629. 8630. 8631. 8632. 8633. 8634. 8635. 8636. 8637. 8638. 8639. 8640. 8641. 8642. 8643. 8644. 8645. 8646. 8647. 8648. 8649. 8650. 8651. 8652. 8653. 8654. 8655. 8656. 8657. 8658. 8659. 8660. 8661. 8662. 8663. 8664. 8665. 8666. 8667. 8668. 8669. 8670. 8671. 8672. 8673. 8674. 8675. 8676. 8677. 8678. 8679. 8680. 8681. 8682. 8683. 8684. 8685. 8686. 8687. 8688. 8689. 8690. 8691. 8692. 8693. 8694. 8695. 8696. 8697. 8698. 8699. 8700. 8701. 8702. 8703. 8704. 8705. 8706. 8707. 8708. 8709. 8710. 8711. 8712. 8713. 8714. 8715. 8716. 8717. 8718. 8719. 8720. 8721. 8722. 8723. 8724. 8725. 8726. 8727. 8728. 8729. 8730. 8731. 8732. 8733. 8734. 8735. 8736. 8737. 8738. 8739. 8740. 8741. 8742. 8743. 8744. 8745. 8746. 8747. 8748. 8749. 8750. 8751. 8752. 8753. 8754. 8755. 8756. 8757. 8758. 8759. 8760. 8761. 8762. 8763. 8764. 8765. 8766. 8767. 8768. 8769. 8770. 8771. 8772. 8773. 8774. 8775. 8776. 8777. 8778. 8779. 8780. 8781. 8782. 8783. 8784. 8785. 8786. 8787. 8788. 8789. 8790. 8791. 8792. 8793. 8794. 8795. 8796. 8797. 8798. 8799. 8800. 8801. 8802. 8803. 8804. 8805. 8806. 8807. 8808. 8809. 8810. 8811. 8812. 8813. 8814. 8815. 8816. 8817. 8818. 8819. 8820. 8821. 8822. 8823. 8824. 8825. 8826. 8827. 8828. 8829. 8830. 8831. 8832. 8833. 8834. 8835. 8836. 8837. 8838. 8839. 8840. 8841. 8842. 8843. 8844. 8845. 8846. 8847. 8848. 8849. 8850. 8851. 8852. 8853. 8854. 8855. 8856. 8857. 8858. 8859. 8860. 8861. 8862. 8863. 8864. 8865. 8866. 8867. 8868. 8869. 8870. 8871. 8872. 8873. 8874. 8875. 8876. 8877. 8878. 8879. 8880. 8881. 8882. 8883. 8884. 8885. 8886. 8887. 8888. 8889. 8890. 8891. 8892. 8893. 8894. 8895. 8896. 8897. 8898. 8899. 8900. 8901. 8902. 8903. 8904. 8905. 8906. 8907. 8908. 8909. 8910. 8911. 8912. 8913. 8914. 8915. 8916. 8917. 8918. 8919. 8920. 8921. 8922. 8923. 8924. 8925. 8926. 8927. 8928. 8929. 8930. 8931. 8932. 8933. 8934. 8935. 8936. 8937. 8938. 8939. 8940. 8941. 8942. 8943. 8944. 8945. 8946. 8947. 8948. 8949. 8950. 8951. 8952. 8953. 8954. 8955. 8956. 8957. 8958. 8959. 8960. 8961. 8962. 8963. 8964. 8965. 8966. 8967. 8968. 8969. 8970. 8971. 8972. 8973. 8974. 8975. 8976. 8977. 8978. 8979. 8980. 8981. 8982. 8983. 8984. 8985. 8986. 8987. 8988. 8989. 8990. 8991. 8992. 8993. 8994. 8995. 8996. 8997. 8998. 8999. 9000. 9001. 9002. 9003. 9004. 9005. 9006. 9007. 9008. 9009. 9010. 9011. 9012. 9013. 9014. 9015. 9016. 9017. 9018. 9019. 9020. 9021. 9022. 9023. 9024. 9025. 9026. 9027. 9028. 9029. 9030. 9031. 9032. 9033. 9034. 9035. 9036. 9037. 9038. 9039. 9040. 9041. 9042. 9043. 9044. 9045. 9046. 9047. 9048. 9049. 9050. 9051. 9052. 9053. 9054. 9055. 9056. 9057. 9058. 9059. 9060. 9061. 9062. 9063. 9064. 9065. 9066. 9067. 9068. 9069. 9070. 9071. 9072. 9073. 9074. 9075. 9076. 9077. 9078. 9079. 9080. 9081. 9082. 9083. 9084. 9085. 9086. 9087. 9088. 9089. 9090. 9091. 9092. 9093. 9094. 9095. 9096. 9097. 9098. 9099. 9100. 9101. 9102. 9103. 9104. 9105. 9106. 9107. 9108. 9109. 9110. 9111. 9112. 9113. 9114. 9115. 9116. 9117. 9118. 9119. 9120. 9121. 9122. 9123. 9124. 9125. 9126. 9127. 9128. 9129. 9130. 9131. 9132. 9133. 9134. 9135. 9136. 9137. 9138. 9139. 9140. 9141. 9142. 9143. 9144. 9145. 9146. 9147. 9148. 9149. 9150. 9151. 9152. 9153. 9154. 9155. 9156. 9157. 9158. 9159. 9160. 9161. 9162. 9163. 9164. 9165. 9166. 9167. 9168. 9169. 9170. 9171. 9172. 9173. 9174. 9175. 9176. 9177. 9178. 9179. 9180. 9181. 9182. 9183. 9184. 9185. 9186. 9187. 9188. 9189. 9190. 9191. 9192. 9193. 9194. 9195. 9196. 9197. 9198. 9199. 9200. 9201. 9202. 9203. 9204. 9205. 9206. 9207. 9208. 9209. 9210. 9211. 9212. 9213. 9214. 9215. 9216. 9217. 9218. 9219. 9220. 9221. 9222. 9223. 9224. 9225. 9226. 9227. 9228. 9229. 9230. 9231. 9232. 9233. 9234. 9235. 9236. 9237. 9238. 9239. 9240. 9241. 9242. 9243. 9244. 9245. 9246. 9247. 9248. 9249. 9250. 9251. 9252. 9253. 9254. 9255. 9256. 9257. 9258. 9259. 9260. 9261. 9262. 9263. 9264. 9265. 9266. 9267. 9268. 9269. 9270. 9271. 9272. 9273. 9274. 9275. 9276. 9277. 9278. 9279. 9280. 9281. 9282. 9283. 9284. 9285. 9286. 9287. 9288. 9289. 9290. 9291. 9292. 9293. 9294. 9295. 9296. 9297. 9298. 9299. 9300. 9301. 9302. 9303. 9304. 9305. 9306. 9307. 9308. 9309. 9310. 9311. 9312. 9313. 9314. 9315. 9316. 9317. 9318. 9319. 9320. 9321. 9322. 9323. 9324. 9325. 9326. 9327. 9328. 9329. 9330. 9331. 9332. 9333. 9334. 9335. 9336. 9337. 9338. 9339. 9340. 9341. 9342. 9343. 9344. 9345. 9346. 9347. 9348. 9349. 9350. 9351. 9352. 9353. 9354. 9355. 9356. 9357. 9358. 9359. 9360. 9361. 9362. 9363. 9364. 9365. 9366. 9367. 9368. 9369. 9370. 9371. 9372. 9373. 9374. 9375. 9376. 9377. 9378. 9379. 9380. 9381. 9382. 9383. 9384. 9385. 9386. 9387. 9388. 9389. 9390. 9391. 9392. 9393. 9394. 9395. 9396. 9397. 9398. 9399. 9400. 9401. 9402. 9403. 9404. 9405. 9406. 9407. 9408. 9409. 9410. 9411. 9412. 9413. 9414. 9415. 9416. 9417. 9418. 9419. 9420. 9421. 9422. 9423. 9424. 9425. 9426. 9427. 9428. 9429. 9430. 9431. 9432. 9433. 9434. 9435. 9436. 9437. 9438. 9439. 9440. 9441. 9442. 9443. 9444. 9445. 9446. 9447. 9448. 9449. 9450. 9451. 9452. 9453. 9454. 9455. 9456. 9457. 9458. 9459. 9460. 9461. 9462. 9463. 9464. 9465. 9466. 9467. 9468. 9469. 9470. 9471. 9472. 9473. 9474. 9475. 9476. 9477. 9478. 9479. 9480. 9481. 9482. 9483. 9484. 9485. 9486. 9487. 9488. 9489. 9490. 9491. 9492. 9493. 9494. 9495. 9496. 9497. 9498. 9499. 9500. 9501. 9502. 9503. 9504. 9505. 9506. 9507. 9508. 9509. 9510. 9511. 9512. 9513. 9514. 9515. 9516. 9517. 9518. 9519. 9520. 9521. 9522. 9523. 9524. 9525. 9526. 9527. 9528. 9529. 9530. 9531. 9532. 9533. 9534. 9535. 9536. 9537. 9538. 9539. 9540. 9541. 9542. 9543. 9544. 9545. 9546. 9547. 9548. 9549. 9550. 9551. 9552. 9553. 9554. 9555. 9556. 9557. 9558. 9559. 9560. 9561. 9562. 9563. 9564. 9565. 9566. 9567. 9568. 9569. 9570. 9571. 9572. 9573. 9574. 9575. 9576. 9577. 9578. 9579. 9580. 9581. 9582. 9583. 9584. 9585. 9586. 9587. 9588. 9589. 9590. 9591. 9592. 9593. 9594. 9595. 9596. 9597. 9598. 9599. 9600. 9601. 9602. 9603. 9604. 9605. 9606. 9607. 9608. 9609. 9610. 9611. 9612. 9613. 9614. 9615. 9616. 9617. 9618. 9619. 9620. 9621. 9622. 9623. 9624. 9625. 9626. 9627. 9628. 9629. 9630. 9631. 9632. 9633. 9634. 9635. 9636. 9637. 9638. 9639. 9640. 9641. 9642. 9643. 9644. 9645. 9646. 9647. 9648. 9649. 9650. 9651. 9652. 9653. 9654. 9655. 9656. 9657. 9658. 9659. 9660. 9661. 9662. 9663. 9664. 9665. 9666. 9667. 9668. 9669. 9670. 9671. 9672. 9673. 9674. 9675. 9676. 9677. 9678. 9679. 9680. 9681. 9682. 9683. 9684. 9685. 9686. 9687. 9688. 9689. 9690. 9691. 9692. 9693. 9694. 9695. 9696. 9697. 9698. 9699. 9700. 9701. 9702. 9703. 9704. 9705. 9706. 9707. 9708. 9709. 9710. 9711. 9712. 9713. 9714. 9715. 9716. 9717. 9718. 9719. 9720. 9721. 9722. 9723. 9724. 9725. 9726. 9727. 9728. 9729. 9730. 9731. 9732. 9733. 9734. 9735. 9736. 9737. 9738. 9739. 9740. 9741. 9742. 9743. 9744. 9745. 9746. 9747. 9748. 9749. 9750. 9751. 9752. 9753. 9754. 9755. 9756. 9757. 9758. 9759. 9760. 9761. 9762. 9763. 9764. 9765. 9766. 9767. 9768. 9769. 9770. 9771. 9772. 9773. 9774. 9775. 9776. 9777. 9778. 9779. 9780. 9781. 9782. 9783. 9784. 9785. 9786. 9787. 9788. 9789.