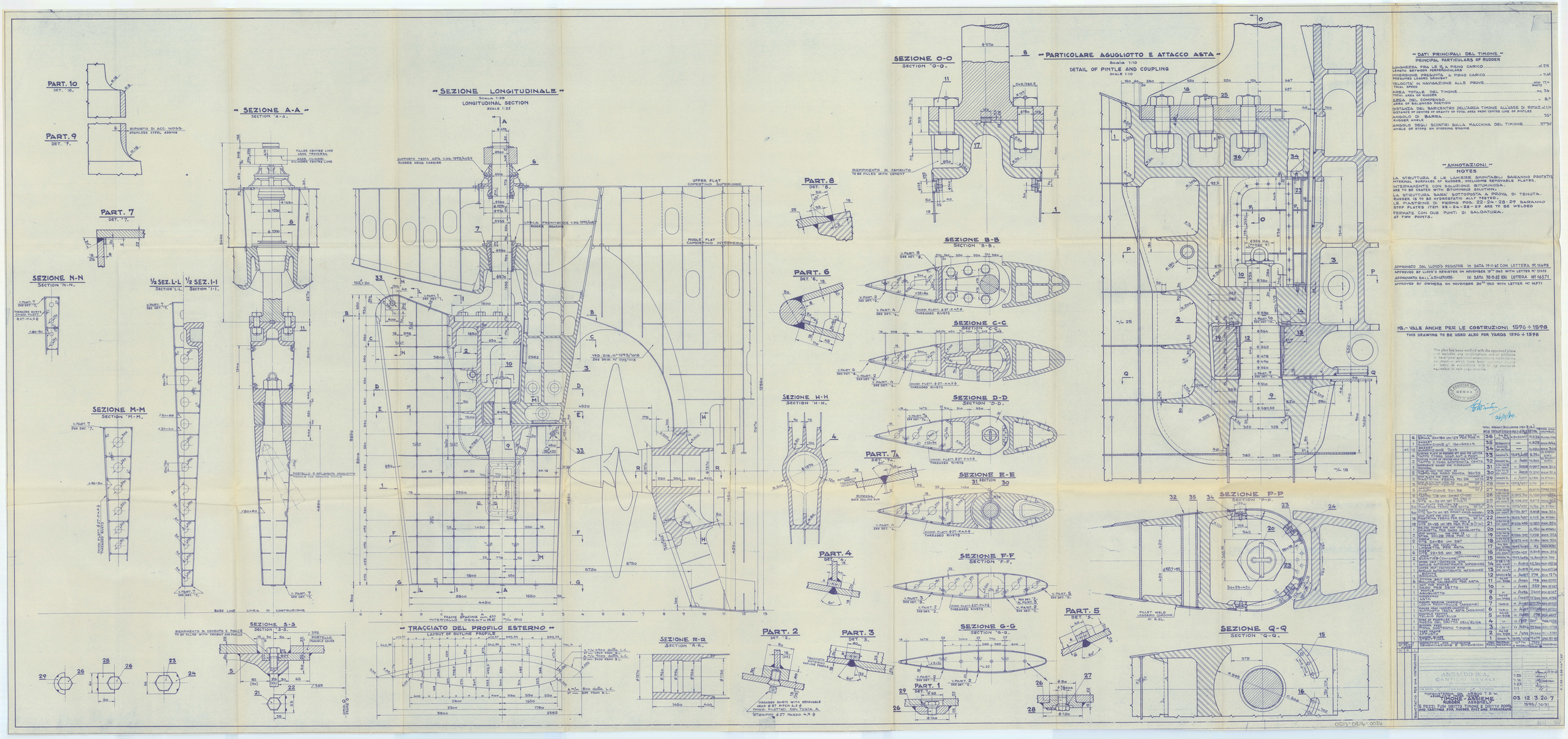

DATI PRINCIPALI DEL TIMONE
PRINCIPAL PARTICULARS OF RUDDER

LUNGHEZZA FRA LE P.P. A PIENO CARICO LENGTH BETWEEN PERPENDICULARS	m. 215
IMMERSIONE PRESUNTA A PIENO CARICO PRESUMED LOADED DRAUGHT	m. 11.65
VELOCITA' IN NAVIGAZIONE ALLE PROVE TRIAL SPEED	NOD. 17½ KNOTS
AREA TOTALE DEL TIMONE TOTAL AREA OF RUDDER	mq. 36
AREA DEL COMPENSO AREA OF BALANCED PORTION	" 8.4
DISTANZA DEL BARICENTRO DELL'AREA TIMONE ALL'ASSE DI ROTAZ. DISTANCE OF CENTRE OF GRAVITY OF TOTAL AREA FROM CENTER LINE OF PINTLES	m. 1.14
ANGOLO DI BARRA RUDDER ANGLE	35°
ANGOLO DEGLI SCONTRI SULLA MACCHINA DEL TIMONE ANGLE OF STOPS ON STEERING ENGINE	37°30'

ANNOTAZIONI
NOTES

LA STRUTTURA E LE LAMIERE SMONTABILI SARANNO PROTETTE INTERNAMENTE CON SOLUZIONE BITUMINOSA.
INTERNAL SURFACES OF RUDDER, INCLUDING REMOVABLE PLATES, ARE TO BE COATED WITH BITUMINOUS SOLUTION.

LA STRUTTURA SARA' SOTTOPOSTA A PROVA DI TENUTA.
RUDDER IS TO BE HYDROSTATIC ALLY TESTED.

LE PIASTRINE DI FERMO POS. 22-24-26-29 SARANNO SALDATE.
STOP PLATES ITEM 22-24-26-29 ARE TO BE WELDED

FERMATE CON DUE PUNTI DI SALDATURA.
AT TWO POINTS.

APPROVATO DAL LLOYD'S REGISTER IN DATA 19-11-62 CON LETTERA N° 15498
APPROVED BY LLOYD'S REGISTER ON NOVEMBER 19TH 1962 WITH LETTER N° 15498
APPROVATO DALL'ARMATORE IN DATA 30-11-62 (EN) LETTERA N° 16571
APPROVED BY OWNERS ON NOVEMBER 30TH 1962 WITH LETTER N° 16571

N.B.- VALE ANCHE PER LE COSTRUZIONI 1596 ÷ 1598
THIS DRAWING TO BE USED ALSO FOR YARDS 1596 ÷ 1598

This plan has been verified with the approved plans and includes any modifications and/or additions in accordance with the original approved arrangements marked on drawings which have been approved by Lloyd's Register in accordance with its rules and regulations.

REGISTER OF GENOA

26/11/64

TOTAL WEIGHT (INCLUDING PIN) (Kg.)

				PER PIECE	162.5 Kg	187.5 Kg	187.5 Kg		
	6	SPINA PIN 20x180 UNI 129	36	Acc. A AISI 304	0.24	0.24	0.24	8.64	8.64
	1	BASSETTA BUSH	35	Bronzo —	—	0.820	0.820	0.820	0.820
	1	GUARNIZIONE g.1 156÷600 ÷ 4 GASKET	34	Gomma —	—	0.420	0.420	0.420	0.420
	12	GUARNIZIONE 156÷4 GASKET	33	Gomma —	—	0.034	0.034	0.408	0.408
	4	CUSCINETTO PER ASTA BEARING PLATE OF RUDDER ASS. FOR LOWER	32	GS 200 N GS 18 N	6.25	6.25	6.25	25.00	25.00
	2	CUSCINETTO PER ASTA BEARING PLATE OF RUDDER ASS. FOR UPPER	31	GS 200 N GS 18 N	6.25	6.25	6.25	12.50	12.50
	2	TAPPO P. FORO SUPERIORE CENTR. PLUG FOR UPPER RUDDER ASS. CENTRE	30	GS 18 N GS 18 N	0.07	0.07	0.07	0.14	0.14
	2	SPINA PIN 16 UNI 150	29	AISI 304 AISI 304	0.027	0.027	0.027	0.054	0.054
	2	PIASTRINA FERMO PER 26 PLATE FOR PIN 26	28	GS 18 N GS 18 N	0.30	0.30	0.30	0.60	0.60
	2	PIASTRINA FERMO PER 22 PLATE FOR PIN 22	27	GS 18 N GS 18 N	0.30	0.30	0.30	0.60	0.60
	5	GRASSO LUBRICATION 50÷38	26	POMPA —	—	0.010	0.010	0.050	0.050
	1	CUSCINETTO BUSH 200x180 (TYPE)	25	GS 18 N GS 18 N	0.860	0.860	0.860	0.860	0.860
	6	VITE SCREW M 20 UNI 127 (M 20x70)	24	AISI 304 AISI 304	0.158	0.158	0.158	0.948	0.948
	50	PIAST. PER FERMO DI CUSCINETTO PLATE FOR FIXING OF BUSH	23	GS 400 N GS 400 N	0.050	0.050	0.050	2.500	2.500
	50	VITE 50x20 UNI 193 (M 20x70) SCREW	22	AISI 304 AISI 304	0.157	0.157	0.157	7.850	7.850
	18	PIASTRINA FERMO PER DETTA PLATE FOR PIN 22	21	GS 18 N GS 18 N	0.015	0.015	0.015	0.270	0.270
	18	VITE 24x55 UNI 193 (M 24x70) SCREW	20	AISI 304 AISI 304	0.155	0.155	0.155	2.790	2.790
	1	GRAFFETTA PER SNODO AGUGLIOTTO PLATE FOR PINTLE COUPLING	19	GS 18 N GS 18 N	—	—	0.150	—	0.150
	2	SPINA 50x28 PER PIAST. 19 PIN	18	AISI 304 AISI 304	0.582	0.582	0.582	1.164	1.164
	2	DADO NUT 20x180 UNI 267	17	AISI 304 AISI 304	0.415	0.415	0.180	0.830	0.360
	1	LINGUETTA PER ASTA SHAFT KEY COUPLING	17	AISI 304 AISI 304	0.180	0.180	—	0.180	—
	6	VITE 22x55 UNI 193 SCREW	16	AISI 304 AISI 304	0.105	0.105	0.105	0.630	0.630
	2	GOMITO (CINCHING) CLEAT (CHOCKS)	15	GS 400 N GS 400 N	15.500	15.500	15.500	31.000	31.000
	14	ANELLO AUTOCENTRANTE SUPERIORE SELF CENTERING RING UPPER	14	AISI 304 AISI 304	0.800	0.800	0.800	11.200	11.200
	13	ANELLO AUTOCENTRANTE INFERIORE SELF CENTERING RING LOWER	13	AISI 304 AISI 304	0.800	0.800	0.800	10.400	10.400
	12	PITTONE PITCH	12	GS 400 N GS 18 N	0.237	0.237	0.237	2.844	2.844
	6	BULLONE SALDABILE PER ASTA WELDED BOLT	11	AISI 304 AISI 304	0.198	0.198	0.198	1.188	1.188
	1	DADO PER DETTO NUT	10	AISI 304 AISI 304	0.257	0.257	0.257	0.257	0.257
	1	ASTICE SHAFT	9	AISI 304 AISI 304	2.600	2.600	2.600	2.600	2.600
	1	ASTA RUDDER	8	AISI 304 AISI 304	1.560	1.560	1.560	1.560	1.560
	1	SEDE MEZZA (INFERIORE) HALF SEAT (LOWER PART)	7	VARIO VARIOUS	1.000	1.000	1.000	1.000	1.000
	1	SEDE MEZZA (SUPERIORE) HALF SEAT (UPPER PART)	6	VARIO VARIOUS	1.000	1.000	1.000	1.000	1.000
	1	TELAIO SUPERIORE UPPER FRAME	5	GS 18 N GS 18 N	1.000	1.000	1.000	1.000	1.000
	4	GUARNIZIONE DEL CUSCINETTO DELL'ELICA BUSH SEAL	4	GS 18 N GS 18 N	0.07	0.07	0.07	0.28	0.28
	3	BUSSOLA BUSH FOR PIN TIMONE	3	GS 18 N GS 18 N	0.556	0.556	0.556	1.668	1.668
	1	LUBRICATORE LUBRICATOR	2	AISI 304 GS 18 N	0.750	0.750	0.750	0.750	0.750
	1	SPINA 156x1.5 PIN	1	AISI 304 AISI 304	0.005	0.005	0.005	0.005	0.005
NUMERO DI ORDINE ITEM NO.		DESCRIZIONE - NOTE - DISPOSIZIONE DESCRIPTION - NOTES - ARRANGEMENT	MATERIALE MATERIAL	NUMERO DI MATERIALE MATERIAL NO.	PESO UNITARIO UNIT WEIGHT	PESO TOTALE TOTAL WEIGHT	PESO TOTALE TOTAL WEIGHT	PESO TOTALE TOTAL WEIGHT	PESO TOTALE TOTAL WEIGHT

ANSALDO S.A.
CANTIERI NAVALI

PROGETTO N° 1596 - 1598 - CASCO T.D.W.
TIMONE - ASSIEME
RUDDER - ASSEMBLY
E PEZZI FUSI DEL TIMONE
AND CASTINGS FOR RUDDER
DISEGNO DI FUSIONE
AND STRENGTHENING

1:25	
1:10	
1:20	
1:1	

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GENOA. F.E. RPT No 29569

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ANSALDO S.P.A. GENOA-SESTRI.

YARD No 1597.

"GIUSEPPE VERDI" ★

RUDDER.

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