

DESA

MALDIVES, REPUBLIC OF THE MALDIVES
ANNUAL REQUESTS FOR TECHNICAL ASSISTANCE - TRANSPORT EQUIPMENT FOR OCEAN-GOING VESSEL

11 JAN 1973 - 24 FEB 1977

UNCLASSIFIED

VP/WG OCT 2014

PLEASE RETAIN
ORIGINAL ORDER

UN ARCHIVES

SERIES	<u>S-1906</u>
BOX	<u>30</u>
FILE	<u>6</u>
ACC.	<u>TE 311/1</u>

ENCLOSURE ATTACHED

REGISTRY

UNITED

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NATIONS

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2/3

TE 341/1 MALDIVES

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

204 Bauddhaloka Mawatha
Colombo 7.

MDV/72/002/A/01/01

Reference:

RECORDS CONTROL

ADDRESS: { FOR CABLES: UNDEVPRO
FOR MAIL: P. O. Box 1505
TEL: 85287, 85288, 83804

MAR 9 1977

BY POUCH

24 February 1977

Mr. K.K. Tsien, Chief
West and South Asia Division
Bureau for Asia & the Pacific
UNDP
New York

Dear Mr. Tsien,

Project Revision MDV/72/002/E/01/01
Provision of Transport Equipment for
Ocean-going Vessel

Please find enclosed 2 signed copies of the project revision
form 'E' in respect of the above project reflecting final
expenditure.

By copy of this letter we are forwarding copies of the
revision to the Government and to UN/OTC.

Yours sincerely,

M.J. Priestley
Resident Representative

cc. Mr. Fathulla Jameel
Deputy to the Head
Department of External Affairs
Male'
Republic of Maldives

✓ cc. Mr. W. Iverson
Chief, East Asia Section
Asia and the Pacific Bureau
UN/OTC

-/Index

UNITED NATIONS DEVELOPMENT PROGRAMME

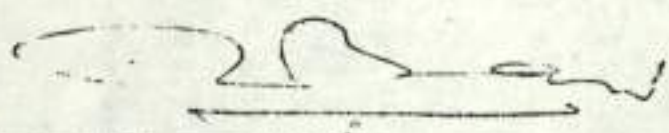
Final Project Revision

COUNTRY: Maldives

PROJECT TITLE: Provision of Transport Equipment for Ocean-Going Vessel

PROJECT NO.: MDV/72/002/E/01/01

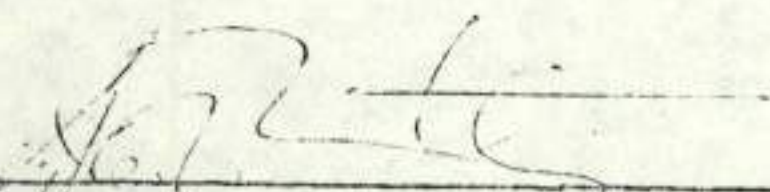
The attached budget reflects the actual expenditure during 1975.



Agreed on behalf of the Executing Agency
R.K. Basu, Deputy Director
Asia and Pacific Branch
Office of Technical Co-operation

26 January 1977

Date



Approved on behalf of UNDP
M.J. Priestley
Resident Representative for the
Republics of Sri Lanka & Maldives

24 February 1977

Date

Country: Maldives
 Project No.: MDV/72/002/E/01/01
 Title: Provision of Transport Equipment for Ocean-Going Vessel

	m/m	<u>TOTAL</u>	m/m	<u>1975</u>	m/m	<u>1976</u>	m/m	<u>197</u>	m/m	<u>197</u>	m/m	<u>197</u>
		\$		\$		\$		\$		\$		\$
10. <u>PROJECT PERSONNEL</u>												
11 Experts:												
11-99 Sub-total												
13 Administrative Support Pers.												
15 Official Travel												
16 Mission Costs												
19 Component total												
20. <u>SUBCONTRACT</u>												
29 Component total												
30. <u>TRAINING</u>												
Component total												
40. <u>EQUIPMENT</u>												
41 Expendable												
42 Non-expendable		26,185		26,185								
49 Component total		26,185		26,185								
50. <u>MISCELLANEOUS</u>												
52 Reporting Costs												
53 Sundry		342		342								
59 Component total		342		342								
97 Cost-sharing												
99.. <u>GRAND TOTAL</u>		26,527		26,527								

UNITED

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NATIONS OFFICE OF TECHNICAL CO-OPERATION

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நாடுகள்

Human Resources Section
Asia and Mid-East Branch

10 SEP 1975

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

204 Baudhaloka Mawatha
Colombo 7

Reference: NDV/PRO/300-SR AND MW

ADDRESS: { FOR CABLES: UNDEVPRO
FOR MAIL: P.O. BOX 1505
TEL. 85287, 85288, 83804

RECEIVED IN RECORDS CONTROL

9-SEP-1975

ACTION TO:

1 September 1975

BY POUCH

Miss Sheila Albuquerque, Chief
Human Resources Project Section
Asia and the Middle East Branch
Office of Technical Cooperation
United Nations
New York

Mr. Basu

Mr. Y. Bouvier

YB

BRING FORWARD
ON DAY MONTH YR.
TO:

Dear Miss Albuquerque,

Ship Repair and Marine Workshop -
Republic of Maldives

cc. Mr. Mikolaj - for comments
W.F. Bouvier

As you may be aware Mr. J.Z. Bradanovic of the Transport Section
of UN/OTC visited the Republic of Maldives in mid-1973 to carry
out studies on inter-atol transportation at the request of the
Government.

10.9.75

During this mission the authorities had had discussions with him
regarding the possibility of constructing a marine slipway and work-
shop with UNDP assistance, and a preliminary report on this subject
was subsequently submitted to this office and the Government by
Mr. Bradanovic.

The Government is now keen on proceeding with this project and have
requested this office for information on what steps need be taken
by them on this matter. Of course the Government is aware that while
UNDP would not be able to finance the capital costs of constructing
the slipway we would be prepared to meet the costs of the engineering
designs, any technical assistance expertise required for the initial
commissioning operation of the facility, fellowships for the training
of local personnel and any equipment required mainly for training
purposes.

It is our view therefore, that subject to the concurrence of the

OFFICIAL CORRESPONDENCE

CONTROL NO.

MUST BE RETURNED TO
RECORDS CONTROL, ROOM 2074

9/201

contd.....2



- 2 -

Government Mr. Bradanovic mounts another mission in his capacity as Inter-regional Adviser to Male' in order to help the authorities in drawing the project document for this assistance.

We are simultaneously writing to the Government seeking their views on the possibility of such a mission but, meanwhile, would appreciate your reactions to this proposal.

Yours sincerely,

A handwritten signature in blue ink, which appears to read 'Gana Amarasinha', is written above the typed name.

Gana Amarasinha
Senior Programme Assistant
for/Resident Representative a.i.

ga/pdes

REGISTRY FILE COPY

DRAFTER:

FILE

No. TE 311/1 *Maldive*

1975 FEB 25 PM 7:00

UNITED NATIONS
CABLE OPERATIONS

YA93 (TAA) NEWYORK 50/47 25 2201Z

LTF

UNDEVPRO

COLOMBO (SRILANKA) =

68 PRIESTLEY YOUR 41 RE MDV/72/002. NO OBJECTION TO CHARGE PROJECT

NEW PRICE INSTALLATIIN AMOUNTING RUPEES 18,650. AUTHORIZED PAY

VESSEL'S TOWAGE AMOUNTING DOLLARS 350 CHARGE 3-29-6305

ACCT IP001-274-0003 FINANCIAL OFFICE REPORTS OBLIGATION COST

AS AT END DECEMBER 1974 DOLLARS 30,578 =

ZIEHL FINSERVICES NEWYORK +

COL 68 41 MDV/72/002 18,650 350 3-29-6305 IP001-374-003

1974 30,578 +

YA78 (TAA) NEWYORK 72 25 2040Z =

LTF

UNDEVPRO

COLOMBO (SRILANKA) =

66 PRIESTLEY RE BRADANOVIC'S REPORT ON REQUIREMENTS FOR
SLIPWAY MARINE WORKSHOP FACILITIES REPUBLIC MALDIVES. OUR
TECHNICAL ADVISER BECKERICH PRESENTLY ON MISSION SAIGON
THROUGH 10 MARCH CAN PROVIDE ONE WEEK CIVIL ENGINEERING
SERVICES TO MALDIVE GOVERNMENT RE UPKEEP COASTAL AND INTER-
ISLAND FACILITIES. COST =

P2/22 =

BECKERICH'S MISSION ESTIMATED DOLLARS 450 WOULD INVOLVE ONLY
PER DIEM AND SLIGHT TRAVEL DEVIATION. PLEASE URGENTLY CONFIRM
GOVERNMENT'S INTEREST =

GLEBOFF NEWYORK + REGISTRY FILE COPY

COL 66 450 +

DRAFTER:

FILE No. TE 311/1 Maldives

UNITED STATES
NAVY
CABLE OFFICE
1975 FEB 25 PM 5:54

ORIGINAL DIRECT

20-29

JZB/mvm

20 February 1975

TE 311/1
MALDIVES

Mr. R.K. Basu, Chief
Physical Resources Projects Section
Asia and Middle East Branch, OTC

Mr. Norbert Falzon, Assistant Director
Transport and Cartography Branch, CNRET

Jan Mikolaj, Chief
Transport Section

MDV/72/002: Installation of Engines on Motor Vessel
GOLDEN RAY

1. Reference is made to Mr. M. Priestley's cable of 14 February 1975, requesting authorization to charge the project for the new price amounting to Rupees 18,650 for the installation of the engines. Please contact P and T (Mr. G. Folber) for the approval of this price increase. We have no objection subject to availability of the funds in the project's budget. Similarly, we have no objection to the Maldivian Government's request that the cost of the vessel's towage from Malé to Colombo amounting to US\$350 be charged to the project subject to availability of funds in the project's budget.

2. We take this opportunity to draw your attention to Mr. Bradanovic's memorandum to you of 9 August 1973, paragraph 5, wherein it was clearly specified that "The Government will assume responsibility to deliver the M/V GOLDEN RAY to Messrs. Walker, Sons & Co., Ltd. shipyard facility in Colombo. The vessel, it was stated in the memorandum, will be towed at Government's risk and expense, if any, by a vessel of the Maldivian Shipping Lines."

02B/mvm

cc: Mr. R.K. Basu, OTC
Mr. Folber, PandT

17 December 1974

POUCH

Dear Michael,

Subject: MALDIVE ISLANDS 72/002
Engine for Dispensary M/V "GOLDEN RAY"

Reference is made to my letter of 5 December 1974, concerning the engines shipped on board M/V LANKA RANI for Colombo.

Please be informed that the vessel left Liverpool on 1 December 1974, and according to information received she is expected to arrive in Colombo on 25 January 1975.

In accordance with my report on the installation of engines for M/V "GOLDEN RAY", you will be well advised to notify as soon as possible Messrs. Walker & Sons, Co., Ltd. in Colombo, as well as the Government of Maldives, which as you know, have the responsibility of delivering the vessel to the above-mentioned ship repair yard, at the time when they will be able to put the vessel on their slipway.

With best wishes for Season's holidays.

Yours sincerely,

J.Z. Bradanovic
Transport Section
Centre for Natural Resources,
Energy and Transport

Mr. Michael Priestley
UNDP Resident Representative in Sri Lanka
Colombo, SRI LANKA

JZB/mvm

Cleared: J. Mikolaj

N. Falzon

V. Baum

cc: Mr. R.K. Basu, OTC
Mr. Folber, P and T

5 December 1974

POUCH

TE 311 (MALDI)

Dear Michael,

Subject: MALDIVE ISLANDS 72/002
Engine for Dispensary M/V "GOLDEN RAY"

..... With reference to the above-mentioned project, please find attached, as requested, a copy of letter dated 13 November 1974 received from Messrs. R.A. Lister & Co., Ltd., contents of which speak for itself.

..... Attached, also please find copies of drawings relative to the installation of these engines.

I note that you have asked OTC's agreement in principle that the engines be installed on motor vessel "GOLDEN RAY" in Malé.

We have made our comments on 8 November 1974 of which you will be informed by OTC in due course. We are not in favour of the Government's request to install the engines locally, because, to the best of my knowledge, no facilities are available in Malé. From a copy of my report dated 9 August 1973 on the above subject to Mr. Basu, you will find that the cost of sub-contract for the engine installation by Walker & Sons, Co., Ltd. in Colombo, Sri Lanka, and the supervision services of a marine engineer were taken into the project cost estimate as outlined on page 4 of the report. A dispatch note of Schenkers Ltd. dated 18 November was recently received by P and T advising that the shipment from Liverpool was expected to take place on or about 1 December 1974. As you can see from the attached copy this is a pre-advice of the shipment only. From the attached dispatch note from Schenkers Ltd., you will notice that the engines will be shipped on M/V LANKA RANI and you would be well advised to ascertain her ETA Colombo from the local ship's agent.

Sincerely yours,



J.Z. Bradanovic
Transport Section
Centre for Natural Resources,
Energy and Transport

Mr. Michael Priestley
UNDP Resident Representative in Sri Lanka
Colombo, SRI LANKA

R. A. LISTER & Co. Ltd.

DURSLEY

GLOUCESTERSHIRE

GL11 4HS

Cables: Power Dursley

Telex 43261

Telephone : Dursley (0453) 4141

United Nations
New York 10017
Purchased & Standard Section
U.S.A.

Your Ref.

Our Ref. 17/SCW/BS

Date 13 November 1974

Dear Sirs

Order No 3-20-18142GF

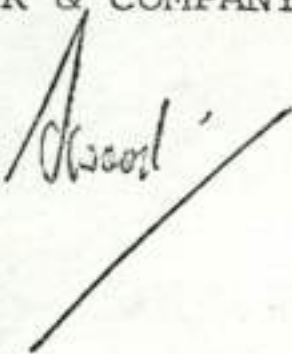
We confirm having received your telex dated 8 November requesting the despatch position of the two JW6MGR Marine Propulsion Engines being supplied against your above mentioned order, our reference M18797/8.

We confirm our reply of the same day in which we advised that the engines were ready and we were awaiting the availability of a carrying vessel and were in touch with Messrs Schenkers London.

With regard to your request for two copies of the engine drawing and other drawings relative to the installation of these engines, we have pleasure in attaching two copies of drawing No 136163 sheets 1 and 2, 74001 and 135273.

Yours faithfully
p.p. R.A. LISTER & COMPANY LIMITED

Marine Division



BEFORE ARRANGING YOUR INSTALLATION IT IS IMPERATIVE THAT CAREFUL CONSIDERATION BE GIVEN TO THE GENERAL LAYOUT OF THE MACHINERY, THE GUIDANCE NOTES ON THE ARRANGEMENT DRAWINGS MUST BE FOLLOWED.

BEFORE INSTALLATION CAREFUL CONSIDERATION SHOULD BE GIVEN TO THE LAYOUT ENSURING ACCESSIBILITY AND EASE OF MAINTENANCE. ANY HOUSING MUST BE CONSTRUCTED SO THAT THE SIDES AND FORWARD PORTION CAN BE DISMANTLED FOR SERVICING WITHOUT DISTURBING THE CONTROLS OR INSTRUMENTS. THE HOUSING SHOULD NOT BE CONNECTED DIRECTLY TO THE ENGINE BEARERS BUT FASTENED TO A COAMING ON THE DECK OR COCKPIT FLOOR.

COOLING (WATER)

SEA WATER SUCTION AND DISCHARGE PIPES SHOULD BE INSTALLED WITH A CONTINUOUS RISE TO THE TOP OF THE CYLINDER HEADS. PREFERABLY SUCTION SHOULD BE DROWNED AND SIGHT GLASS FITTED IN DISCHARGE. SEPARATE SEA SUCTIONS SHOULD BE PROVIDED AND CONNECTIONS SHOULD NOT BE MADE TO A LINE COMMON WITH ANOTHER ENGINE. SUCTION AND DISCHARGE TO SEA WATER PUMPS SHOULD BE TAKEN DIRECTLY TO SHIP'S SIDE AND NOT FROM ANY OTHER SYSTEM WITHOUT OUR WRITTEN APPROVAL.

FOR DETAILS ON KEEL COOLING SEE DRG. NO. 135286 (DRG. NO. 132600 FOR SW/2 ONLY.) ALL WATER PIPES ARE GENERALLY 1.112" (28.245 MM) FOR SEA WATER OR 1.362" (34.595 MM) FOR FRESH WATER.

TO ENSURE EFFICIENT ENGINE OPERATION THE COMBUSTION AIR FILTER MUST RECEIVE AN ADEQUATE SUPPLY OF COLD AIR. TO ENSURE THIS THE FILTER MAY, IF FOUND NECESSARY, BE REMOVED FROM THE ENGINE AND FITTED IN A PROTECTED POSITION ON DECK OR AT ENGINE BEARER LEVEL, THE CONNECTION BETWEEN ENGINES AND FILTER BEING BY FLEXIBLE PIPE.

HEAT RADIATED FROM THE ENGINE MUST BE EXPELLED FROM THE ENGINE CASE OR COMPARTMENT. WHERE AN ENGINE IS INSTALLED IN A CASE, A SERIES OF 1" DIA. HOLES NEAR THE TOP WILL GIVE ADEQUATE TOP VENTILATION. WHEN FITTED IN A COMPARTMENT, COWL VENTILATORS OPENING JUST BELOW THE TOP OF THE COMPARTMENT WILL DISPEL THE HEAT, EXTRACTOR FANS INSTALLED IN THE VENTILATORS WILL OBVIOUSLY IMPROVE THIS ARRANGEMENT.

EXHAUST

PIPES SHOULD SLOPE GRADUALLY AWAY FROM THE ENGINE DOWN TO THE OUTLET ON SHIP'S SIDE OR TRANSOM AND BE KEPT AS STRAIGHT AS POSSIBLE. ADJACENT WOOD STRUCTURE MUST BE PROTECTED FROM EXHAUST HEAT BY ADEQUATE CLEARANCE AND LAGGING. IF IT IS FOUND NECESSARY TO FIT A SWAN NECK IN THE EXHAUST PIPE TO PREVENT THE INGRESS OF WATER, A SMALL HOLE MUST BE DRILLED IN THE TOP OF SAME TO BREAK THE VACUUM AND A DRAIN PLUG SHOULD BE FITTED AT THE LOWEST POINT IN THE PIPE.

BENDS MUST HAVE A RADIUS OF ABOUT 4 TIMES PIPE DIAMETER OR LARGER, MEASURED TO THE CENTRE LINE OF THE PIPE. FOR THE PURPOSE OF DETERMINING THE TOTAL EFFECTIVE LENGTH OF THE PIPE AN ALLOWANCE OF 1 FT. TO THE TOTAL CENTRE LINE LENGTH OF THE PIPE MUST BE MADE FOR EACH BEND IN THE SYSTEM; OR 2 FT. IF THE BEND IS SHARPER THAN STATED ABOVE.

INCREASE IN TAIL PIPE DIAMETER TO COMPENSATE FOR PIPE FRICTION LOSSES IN LONG EXHAUST SYSTEMS. THE FOLLOWING TABLE INDICATES WHAT PIPE SIZES ARE TO BE USED FOR VARIOUS LENGTHS OF PIPES IN RELATION TO THE STANDARD PIPE RECOMMENDED FOR THE ENGINE:—

VENTILATORS OPENING MUST BE BELOW THE TOP OF THE COMPARTMENT WILL DISPEL THE HEAT.
 c EXTRACTOR FANS INSTALLED IN THE VENTILATORS WILL OBVIOUSLY IMPROVE THIS ARRANGEMENT.
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INCREASE IN DIA. (IN INCHES) OF TAIL PIPE FOR CORRESPONDING LENGTHS OF PIPE.			SW2				HRW2&3		HRW4&6 HRWS6 JW6		JWS6				ENGINE TYPE
	1		1½		1½		2		2½		3		4		
	FT.	M	FT	M	FT	M	FT	M	FT	M	FT	M	FT	M	
1	15	4.6													STD. EXHAUST PIPE DIA. (IN INCHES). FIRST 15 FT. (4.6 M) OF PIPE IS CONSIDERED TO BE A STANDARD LENGTH OF PIPE IN CASE OF ANY DOUBT PLEASE CONTACT RALIST R.
1¼	37	11.3	15	4.6											
1½	71	21.6	31	9.4	15	4.6									
2	245	74.7	99	30.2	48	14.6	15	4.6							
2½			240	73.2	121	36.9	36	11.0	15	4.6					
3					240	73.2	71	21.6	31	9.4	15	4.6			
4							225	68.6	94	28.7	45	13.7	15	4.6	
6									500	152	245	68.6	81	24.7	
9													400	122	
CORRESPONDING LENGTHS OF EXHAUST PIPE. (IN FEET & METERS)															

NOTE:

WHEREVER POSSIBLE, THE APPROVAL OF R.A. LISTER & CO. MARINE DIVISION. BE OBTAINED IN THE CASE OF THE ENGINE INSTALLED IN SMALL CASINGS OR COMPARTMENT.

FUEL PIPING:

WHERE LEAK OFF PIPES FROM INJECTORS ARE RETURNED THROUGH A COMMON MANIFOLD TO A BLEED FROM THE FILTER THEY MUST BE PIPED TO THE FUEL TANK—NOT INTO THE FUEL SUCTION PIPE. FUEL PIPE SHOULD NOT RUN IN THE BILGES AND SHOULD NOT BE GALVANIZED.

ED MARINE ENGINESCASINGS OR COMPARTMENTS.

THESE CAN BE CONSTRUCTED OF $3/8$ " BOND O MARINE PLYWOOD TO BSS 1080 ON SUBSTANTIAL FRAMING AND HAVING PORTABLE PANELS SECURED BY CUPHEAD SCREWS FOR EASE OF SERVICING. THE NOISE LEVEL CAN BE EFFECTIVELY REDUCED BY LINING THE BOX OR COMPARTMENT WITH RESIN IMPREGNATED GLASS FIBRE TYPE 425 SECURED IN POSITION BY 25 GAUGE PERFORATED ZINC PLATE HAVING $57-3/32$ " DIA. HOLES PER SQUARE INCH. GLASS FIBRE CAN BE OBTAINED IN VARYING THICKNESSES BUT FOR PLEASURE CRAFT OR VESSELS OPERATING IN CONFINED WATERS WE RECOMMEND A THICKNESS OF 2".

ALIGNMENT.

ACCURATE ALIGNMENT IS ESSENTIAL. THE ENGINE MAY BE LINED UP TO THE SHAFT TEMPORARILY WHILE THE BOAT IS OUT OF WATER BUT BEFORE LAUNCHING THE COUPLING BOLTS SHOULD BE LET GO AND THE ENGINE REALIGNED WHEN THE CRAFT HAS SETTLED IN THE WATER.

FLEXIBLE COUPLINGS DO NOT EXCUSE BAD ALIGNMENT OF ENGINE TO PROPELLER SHAFT. A SOLID DUMMY BOBBIN SHOULD BE USED WHEN ALIGNING ENGINE TO SHAFTING, AND AFTERWARDS REPLACED BY THE FLEXIBLE COUPLING. WE WILL SUPPLY THESE SOLID BOBBINS ON LOAN TO THE HOME MARKET AT A NOMINAL CHARGE. MISALIGNMENT STRESSES BEARINGS AND MAY ACCOUNT FOR A LOSS OF ENGINE OUTPUT.

DETAILED INSTRUCTIONS WILL BE FOUND IN THE INSTRUCTION MANUAL.

STERNGEAR.

PACKING GLANDS SHOULD ALLOW FREE ROTATION OF THE TAILSHAFT. STERN TUBES SHOULD BE FILLED WITH GREASE BEFORE INSERTING SHAFT. RUN ENGINE AND CHECK THAT PACKING GLANDS DO NOT OVERHEAT, IF NECESSARY SLACKEN BACK GLAND. LONG LENGTHS OF UNSUPPORTED SHAFTING MUST BE AVOIDED BY THE USE OF PLUMMER BLOCKS.

PROPELLERS.

MUST RUN IN ADEQUATE APERTURES AND NEVER BEHIND HEAVY SQUARE ENDED STERN POSTS. THESE SHOULD BE TAPERED OFF TO AN INCLUSIVE ANGLE OF ABOUT 40° . THE DISTANCE BETWEEN THE OUTBOARD GLAND AND THE PROPELLER BOSS SHOULD NOT BE GREATER THAN THE DIAMETER OF THE SHAFT.

FLEXIBLE MOUNTINGS

ALLOWANCE MUST BE MADE FOR THE ENGINE TO CLEAR BEARERS BY AT LEAST $1/2$ " AND TO CLEAR ANY CASING OR FITTINGS BY 1" TO ALLOW FOR ENGINE MOVEMENT (EXCEPT FOR HRW243). FLEXIBLE MOUNTINGS CAN BE SUPPLIED TO ORDER. THE NUMBER OF MOUNTINGS MUST BE RELATED TO WEIGHT OF UNIT. FLEXIBLE CONNECTIONS TO ALL PIPES AND A FLEXIBLE SHAFT COUPLED FOR PROPULSION ENGINES WILL BE REQUIRED.

PROPULSION ENGINE.

TO PROVIDE A RIGID BED FREE FROM ALIGNMENT TROUBLES IT IS ESSENTIAL IN THE CASE OF WOODEN HULLS TO ENSURE THAT THE ENGINE BEARERS EXTEND AS FAR FORWARD AND AFT AS POSSIBLE, AND ARE MADE OF WELL SEASONED WOOD OF LIBERAL SIZE SO ARRANGED THAT THEY ARE AN INTEGRAL PART OF THE SHIP'S HULL. IN ADDITION A STEEL PLATE SHOULD BE PLACED ALONG THE TOP OF THE BEARER, THE LENGTH OF THE ENGINE BASE, TO PREVENT THE ENGINE FEET BITING INTO THE BEARERS. BEARERS MUST BE ADEQUATELY BRACED ATWARTSHIP BY DEEP FLOORS SECURED TO THE SHIP'S SIDE.

SINCE NO PROVISION IS MADE IN THE ENGINE DESIGN TO TAKE END THRUST, A THRUST BLOCK MUST BE PROVIDED FOR ALL PROPULSION INSTALLATIONS OTHER THAN THOSE SUPPLIED WITH MARINE TYPE REVERSE REDUCTION GEARS INCORPORATING A SUITABLE BEARING.

THE DISTANCE BETWEEN THE OUTBOARD GLAND AND THE PROPELLER BOSS SHOULD NOT BE GREATER THAN THE

DIAMETER OF THE SHAFT. FLEXIBLE MOUNTINGS

ALLOWANCE MUST BE MADE FOR THE ENGINE TO CLEAR BEARERS BY AT LEAST $\frac{1}{2}$ " AND TO CLEAR ANY CASING OR FITTINGS BY 1" TO ALLOW FOR ENGINE MOVEMENT (EXCEPT FOR HRW 2 & 3). FLEXIBLE MOUNTINGS CAN BE SUPPLIED TO ORDER. THE NUMBER OF MOUNTINGS MUST BE RELATED TO WEIGHT OF UNIT. FLEXIBLE CONNECTIONS TO ALL PIPES AND A FLEXIBLE SHAFT COUPLED FOR PROPULSION ENGINES WILL BE REQUIRED.

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SINCE NO PROVISION IS MADE IN THE ENGINE DESIGN TO TAKE END THRUST, A THRUST BLOCK MUST BE PROVIDED FOR ALL PROPULSION INSTALLATIONS OTHER THAN THOSE SUPPLIED WITH MARINE TYPE REVERSE/REDUCTION GEARS INCORPORATING A SUITABLE BEARING.

ON PROPULSION UNITS WHEN A FLEXIBLE COUPLING IS FITTED, A PLUMMER BLOCK MUST BE FITTED TO THE TAILSHAFT IF THE STERN TUBE FORWARD BEARING IS MORE THAN 9' FROM THE EDGE OF THE TAILSHAFT COUPLING.

AUXILIARY ENGINE

RADIATOR COOLED:- AIR OUTLET DUCTING IS ESSENTIAL FOR RADIATOR COOLED ENGINES WHEN INSTALLED BELOW DECKS AND THE CROSS-SECTIONAL AREA MUST BE THE SAME AS THE AREA OF THE RADIATOR MATRIX. THE AIR SUPPLY TO THE ENGINE MUST BE AT LEAST 30% GREATER THAN THE AIR REQUIRED FOR COOLING, TO ALLOW FOR COMBUSTION AIR CONSUMPTION ETC. FOR FURTHER INFORMATION PLEASE CONSULT R.A. LISTER & CO LTD, MARINE DIVISION.

THE FOLLOWING TABLE GIVES THE APPROXIMATE RADIATOR AIR FLOW REQUIRED FOR COOLING. THIS AVERAGE FIGURES AT 1500 RPM. (ENGINE SPEED). FOR OTHER SPEEDS FLOW IS APPROXIMATELY PROPORTIONAL TO RPM.

ENGINE	RADIATOR COOLING AIR FLOW. FT ³ /MIN	(M ³ /MIN)			
HRW 2	1780	(50.4)	JW6	6660	(188.7)
HRW 3	2250	(63.8)	JWS6	6660	(188.7)
HRW 4	3000	(85.0)			
HRW 6	3950	(111.5)			
HRWS 6	3950	(111.5)			

THIS IS A CONFIDENTIAL DOCUMENT
IT MUST NOT BE TRACED, COPIED,
EXHIBITED TO ANY THIRD PARTY
WITHOUT PERMISSION IN WRITING

- R NOV 1974

WITH
LINE

WEIGHT ACTUAL	LB. LB.	PRODUCTION	SCALE	DESCRIPTION	DRAWN OR FILE
THIRD ANGLE PROJECTION		ACCEPTED BY	DRAWN BY NRE	INSTALLATION NOTES FOR WATER COOLED MARINE ENGINES.	MAR. INST.
		DATE	TRACED BY J/M	MATERIAL	SUPERSEDES
MACHINING LIMITS - UNLESS OTHERWISE STATED:- DIMENSIONS ± .010" CONCENTRICITY .003" (0.001 I.R.) PARALLELISM & SQUARENESS 0.001" PER FOOT		RELEASED BY	CHECKED BY HW	PER SET	SUPERSEDED BY
		DATE	DATE 10-4-70	R.A. LISTER & CO LTD, MARINE DIVISION.	ISSUE No 1/2

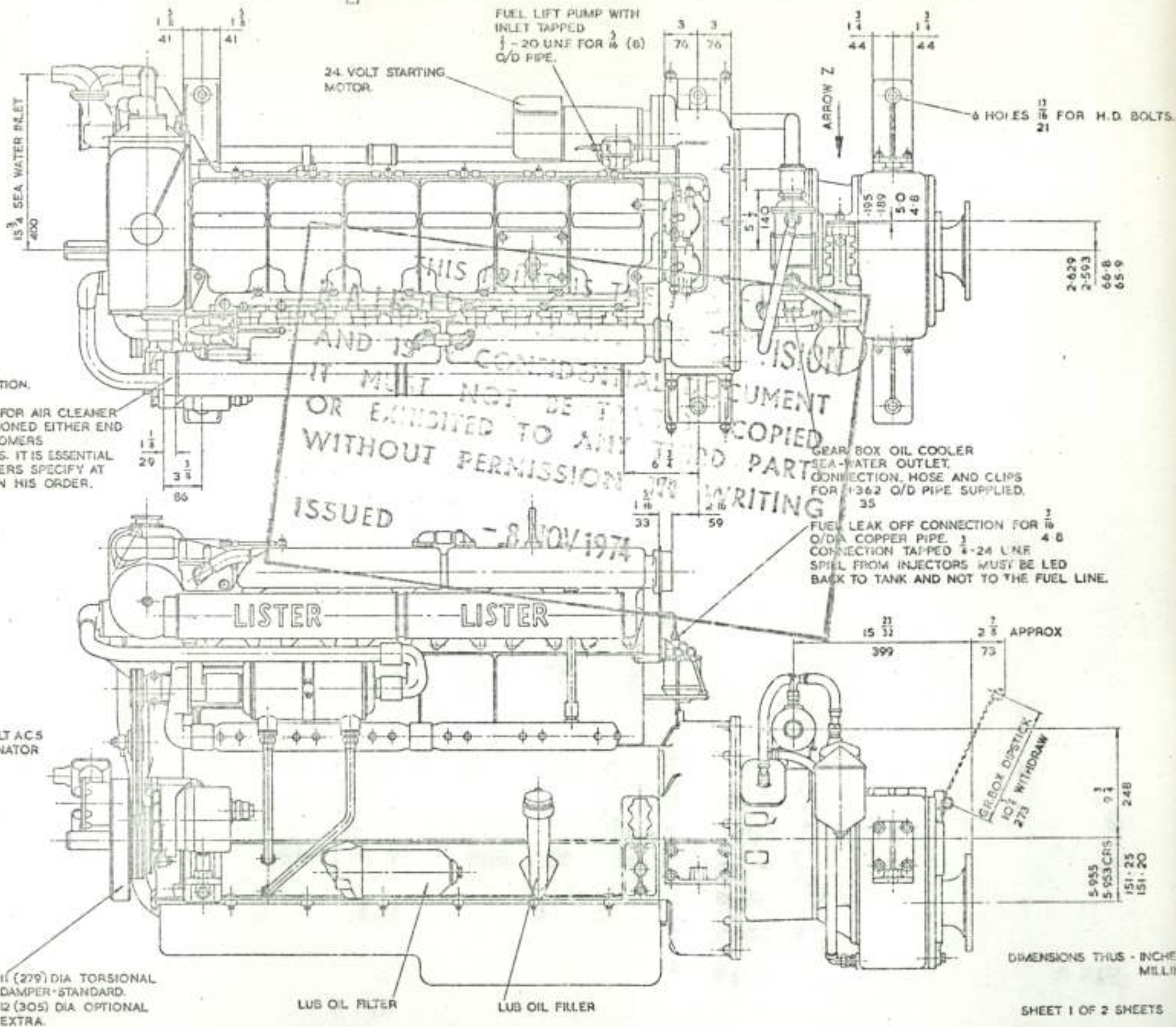
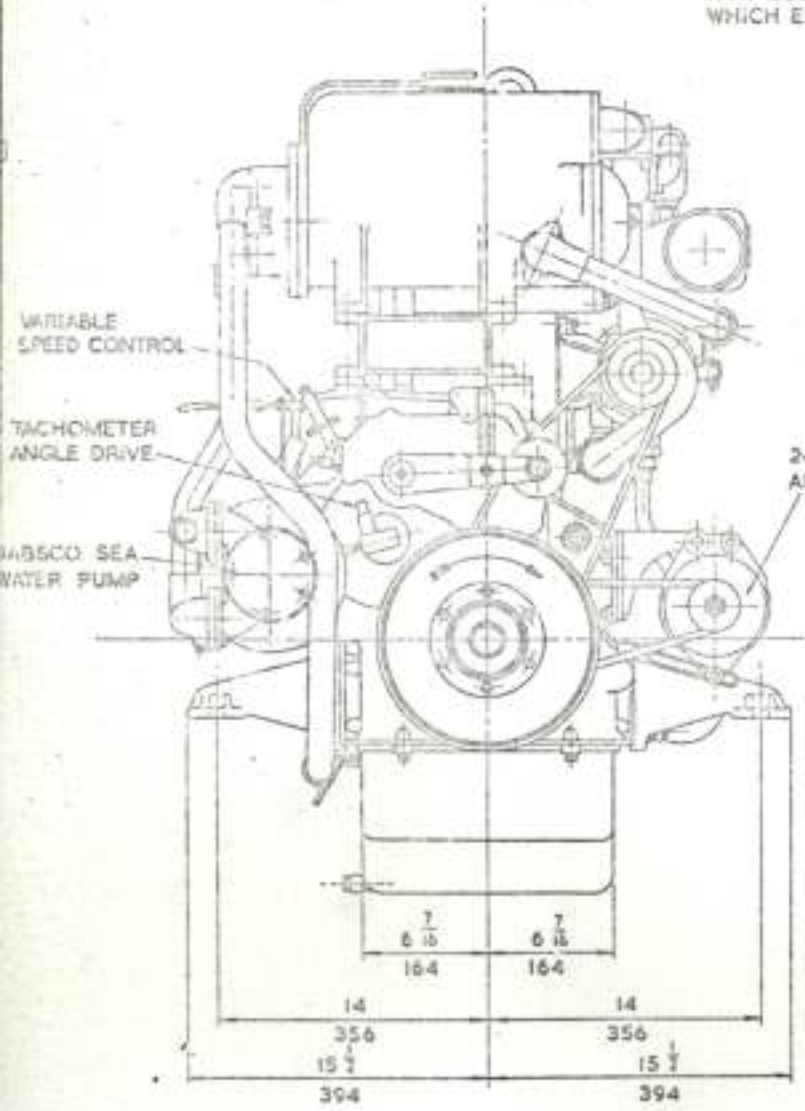
TRACING CHECKED BY NRE

135273

AVAILABLE REDUCTION RATIOS.			
STANDARD GEARBOX		GEARBOX WITH IDLER PINION	
RATIO	GEARBOX OUTPUT COUPLING ROTATION LOOKING FWD FROM AFT	RATIO	GEARBOX OUTPUT COUPLING ROTATION LOOKING FWD FROM AFT
1.5:1 (1.5357)	CLOCKWISE	1.5:1 (1.5384)	ANTI-CLOCKWISE
2:1 (2.0950)	---	2:1 (2.095)	---
3:1 (2.944)	---	3:1 (2.941)	---
4:1 (4.071)	---	4:1 (4.076)	---
4.5:1 (4.45)	---	4.5:1	NOT AVAILABLE

- IMPORTANT NOTES.
1. FOR INSTALLATION NOTES SEE DRG. No. 125273
 2. IT IS ESSENTIAL THAT THE FLEXIBLE EXHAUST BELLOWS BE ASSEMBLED SO THAT IT IS FREE OF ANY TENSION, AND THE EXHAUST PIPE ITSELF SUPPORTED BY SUITABLE B/KTS, SUCH THAT THE WEIGHT OF THE PIPE DOES NOT HANG ON THE FLEXIBLE SECTION.
 3. SINGLE LEVER MORSE CONTROL FOR THROTTLE & GEAR BOX SUPPLIED.
 4. MAXIMUM RUNNING ANGLE MUST NOT EXCEED 10°.

CONNECTION FOR AIR CLEANER MAY BE POSITIONED EITHER END TO SUIT CUSTOMERS REQUIREMENTS. IT IS ESSENTIAL THAT CUSTOMERS SPECIFY AT WHICH END IN HIS ORDER.



J.W.6 M.G.R. ENGINE WITH SELF-CHANGING LOW-RATIO MRF 350.MK II. GEARBOX.

ACTL. WEIGHT 2560 LBS.
1161 K.G.S.

REV.	ALTERATION	BY	DATE	SCALE	DRAWN BY	CHECKED BY	DATE	DESCRIPTION	FILE NO.
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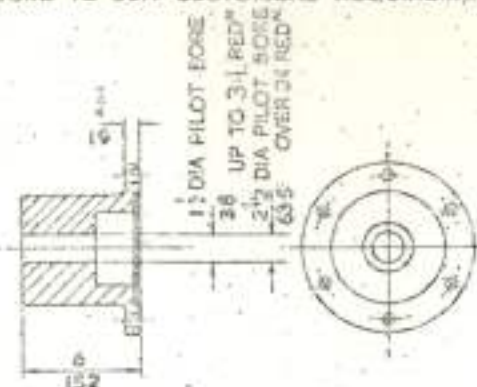
* ENLARGED VIEW OF FLEXIBLE EXHAUST BELLOW

IT IS ESSENTIAL THAT THE FLEXIBLE PIPE BE BUILT SO THAT IT IS FREE OF ANY TENSION, AND THE EXHAUST PIPE ITSELF SUPPORTED BY SUITABLE BRACKETS, SUCH THAT THE WEIGHT OF THE PIPE DOES NOT HANG ON THE FLEXIBLE SECTION.



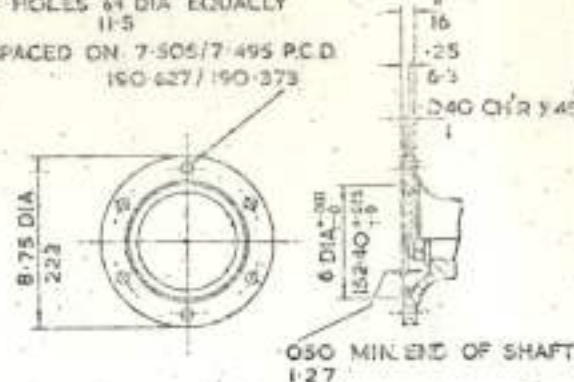
TAILSHAFT HALF - COUPLING

BORE TO SUIT CUSTOMERS REQUIREMENTS.

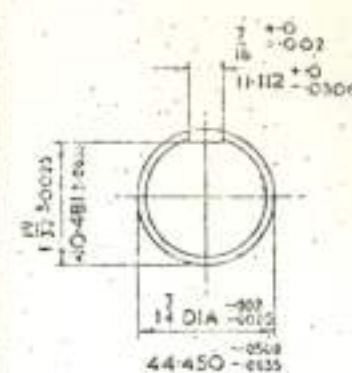


GEARBOX OUTPUT COUPLING

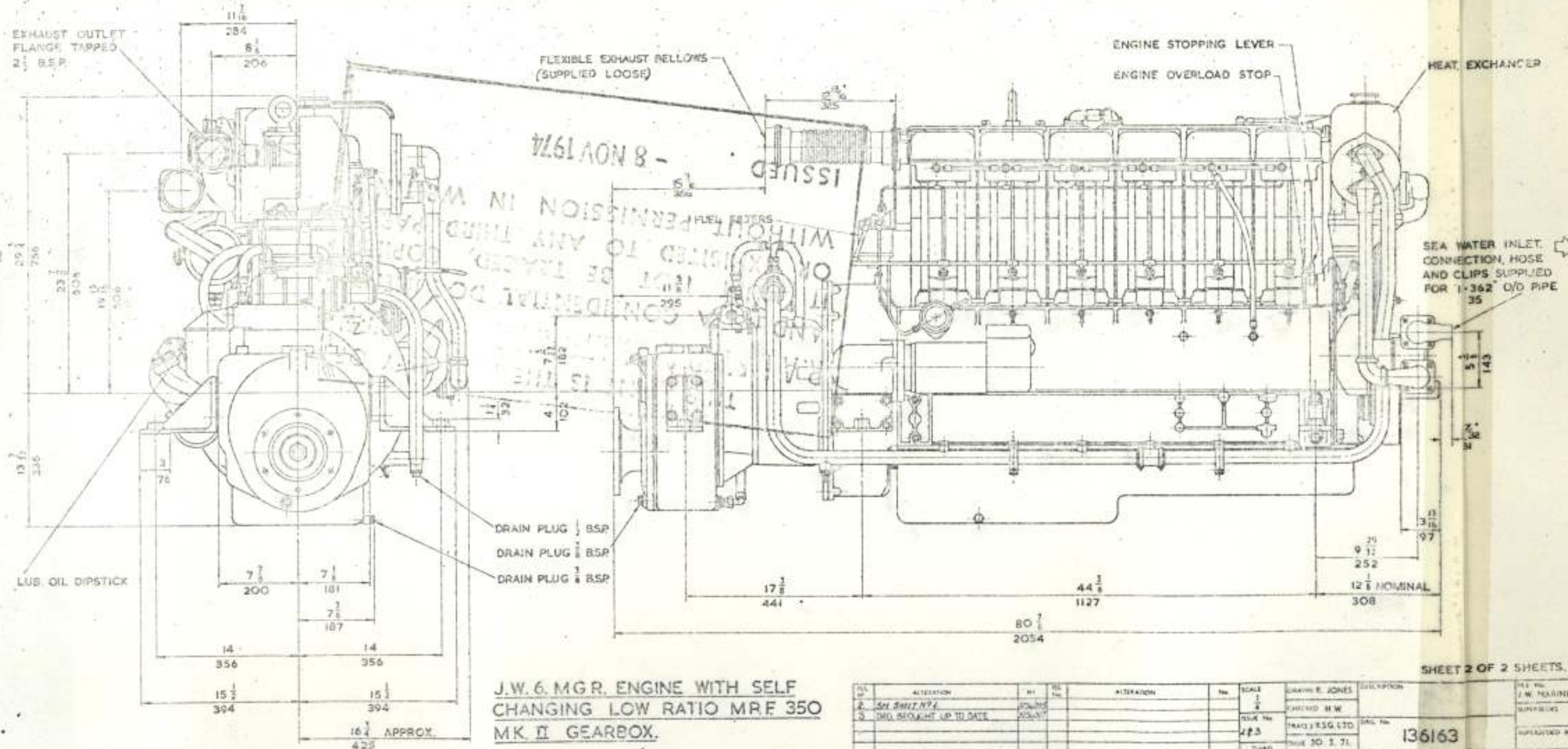
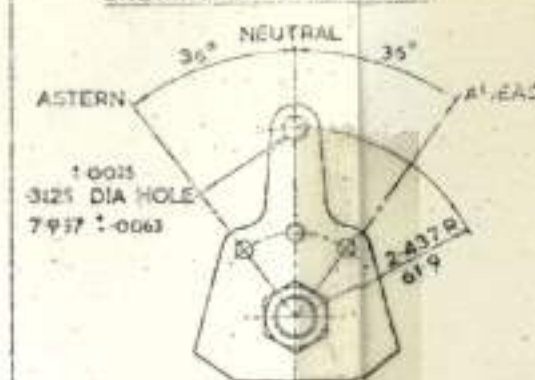
5 HOLES 64 DIA EQUALLY
SPACED ON 7-505/7-495 P.C.D.
190-627/190-373



ENLARGED VIEW OF
CRANKSHAFT EXTENSION



ENLARGED VIEW IN DIRECTION OF ARROW 2
SHOWING SELECTOR LEVER



J.W. 6. MGR. ENGINE WITH SELF
CHANGING LOW RATIO MRF 350
MK II GEARBOX.

PL No.	ALTERATION	PL No.	ALTERATION	PL No.	SCALE	OWNER'S NAME	DESCRIPTION	PL No.
2	SEE SHEET N° 4	2			1	CHARLES E. JONES		1 W. MARINE
3	DWG. BROUGHT UP TO DATE	3			2	WATERED HW		MINI-BLEES
					3	TRAC FESG LTD		
					4	TRAC 30 I. 71		
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TRACING CHECKED BY: A. L. JONES

18 NOV 1974

UNITED NATIONS
NEW YORK,
NY10017,
U.S.A.

JOB REFERENCE

013/1399/0

EXPORTERS REF.

3-20-18142

SCHENKERS LTD.

SHIPPING AND FORWARDING AGENTS

Royal London House, 13, Finsbury Square,
London, EC2A 1BN

Consignee

RES. REP. OF U.N. D.P.
RES. REP. a.i. UNDP.
IN SRI LANKA AND MALDIVES.
LANKA P.O. 3-20-18142.

Forwarding Agent

Telephone: 01 - 628 7050 (29 lines)

Telegrams: TRANSENKER LONDON EC2

Telex: LON 826056 (2 lines)

Ref.

Date of Clearance/Shipping

Etd Liverpool: 1st Dec. 74

Local Vessel/Train/Truck

PLEASE
REPLY
TO

Steamer

LANKA RANI

Port/Station of loading

LIVERPOOL

Port/Station of Discharge

COLOMBO

Final Destination

Marks & Numbers

Number and kind of packages :

SAID TO CONTAIN AND
(CONDITION OF CONTENTS UNKNOWN)

WEIGH

T C O L

Cube
Ft. In.

RES. REP. OF UNDP.
RES. REP a.i. UNDP.
IN SRI LANKA AND
MALDIVES.
P.O. BOX 1505, COLOMBO
SRI LANKA P.O. 3-20-18142.
Case Nos. 5043/5, 4304 & 5.
VIA. COLOMBO.

FIVE CASES:

ENGINE AND SPARES.

Kilos

3.826 - 8.915

Net Weight

T C O L

Kilos

C.A.N. 11202

PRE-ADVICE ONLY

Mr. W. van der Heide, Acting Deputy Director
Asia and Middle East Branch, OTC

Mr. Norbert Falzon, Assistant Director
Transport and Cartography Branch, CNRET

Jan Mikolaj, Chief
Transport Section, CNRET

MDV/72/002: Provision of Transport Equipment for
M/V "GOLDEN RAY"

JZB/mvm

1 November 1974

TE 311/1 MALDI

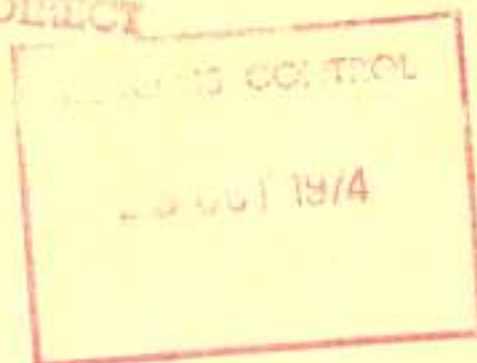
1. Reference is made to Mr. Priestley's letter of 16 October 1974, from which we understand that the Government of the Maldives would like to have the specifications, drawings, and other particulars from the suppliers of the two engines for dispensary MV "GOLDEN RAY" for the purpose of obtaining an estimate of the cost involved for the installation of the engines. We understand that P and T has already obtained an estimate from Messrs. Walker and Sons, Ltd. of Colombo, Sri Lanka.

.....
2. For your convenience, attached please find a copy of Mr. Bradanovic's report concerning recommendations for the procurement of two engines for the above-mentioned dispensary motor vessel.

3. Your attention is drawn to page 2, paragraph 5 of the report from which it is evident that the cost of installation of the engines should be for United Nations account.

4. On page 4, paragraph 11 of the same report, item (b) refers to sub-contract for engine installation. An estimated cost was then made amounting to US\$2,000, while item (c) refers to the supervision service of a qualified marine engineer amounting to US\$250.

ORIGINAL DIRECT



JZB/mvm
Cleared by: J.Mikolaj
N.Falzon

TE 311/1 MALDI

17 October 1974

POUCH

Dear Michael,

Subject: Maldives Islands/72/002
Engines for Dispensary Vessel M/V "GOLDEN RAY"

Further to my letter of 14 October 1974, we have now received a letter dated 8 October 1974 from R.A. Lister and Company Limited concerning engines for the dispensary vessel M/V "GOLDEN RAY".

..... Your attention is hereby drawn to the second paragraph of the attached letter of 8 October which you may wish to communicate immediately to the government of the Maldives Islands and to Messrs. Walker, Sons and Co. in Colombo.

With kind personal regards.

Yours sincerely,

J.Z. Bradanovic
Transport Section
Centre for Natural Resources,
Energy and Transport

Mr. Michael Priestley
Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, SRI LANKA

R. A. LISTER & Co. Ltd.

DURSLEY

GLOUCESTERSHIRE

GL11 4HS

as: Power Dursley

Telex 43261

Telephone : Dursley (0453) 4141

The United Nations Processing
Unit

United Nations
New York 10017
U.S.A.

Your Ref.

Our Ref. 17/PAG/BS

Date 8 October 1974

Dear Sirs

Your Purchase Order 3-20-18142, dated 12 November 1973
Our WOC Nos M18797 and M18798

We refer to the above order covering the supply of two type JW6MGR3 Marine Propulsion Engines. The above equipment has been packed ready for shipment to the United Nations resident representative in Sri Lanka.

Please be advised that each engine is supplied with a 15' length of 2 $\frac{5}{8}$ " diameter stainless steel tailshaft. These tailshafts are fitted with the incorrect propeller securing nuts. The correct propeller securing nuts are packed loose in case No 5044 which includes one set of propeller shaft. Will you please advise your principals in Sri Lanka that the correct propeller nuts should be substituted for those already on the shaft when the goods are received.

We apologise for any inconvenience that this may cause, and remain,

Yours faithfully
p.p. R.A. LISTER & COMPANY LIMITED

Paul Gigg
Marine Division



HAWKER SIDDELEY

UNITED



NATIONS

RUSH

 ජාතික
 நாடுகள்

 RESIDENT REPRESENTATIVE OF
 ECONOMIC DEVELOPMENT PROGRAMME
 IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

204 Baudhaloka Mawatha

Colombo 7

Reference : MDV/72/002/A/01/01

 ADDRESS: { FOR CABLES: UNDEVPRO
 FOR MAIL: P.O. BOX 1505
 TEL. 85287, 85288, 83804

RECEIVED IN RECORDS CONTROL	
22 OCT 1974	
ACTION TO:	
1	Mr. V. P. Heide
2	Basu
3	✓ PUT AWAY
INITIALS: KAD	
BRING FORWARD ON: / /	
DAY MONTH YEAR	

OFFICIAL CORRESPONDENCE

REF. NO.

BY POUCH

 MUST BE DELIVERED TO
 RECORDS CONTROL ROOM 20/4

10-343

16 October 1974

TE 311/1 MALDI

 Mr. W. van der Heide
 Acting Deputy Director
 Office of Technical Co-operation
 United Nations
 New York

 cc. Mr. Mullaney (P&T)
 for comments, pls
 Mr. Bradanovic - for comments, pls.
 P.O. 73-18142

Dear Mr. Van der Heide,

 MDV/72/002 Provision of Transport Equipment for
 Ocean-going Vessels m.v. "Golden Ray"

As you are aware from correspondence the two engines purchased from Messrs. Lister Ltd., for the above vessel are still to arrive. Meanwhile, the Maldivian Government would like to have the specification drawings and other particulars from the suppliers of the two engines for the purpose of getting an estimate of the cost involved for the installation of the engines. They wish also to have confirmation whether the cost of installation work will be borne by UN/OTC under the project, or by the Government of the Republic of the Maldives.

Your early reply regarding this matter for information of the Maldivian authorities would be very much appreciated.

Yours sincerely,

 A.J. Priestley
 Resident Representative

RECEIVED

2205
OCT 23 1974

OTC

 cc. H.E. Mr. Hussain Ali Didi
 Ambassador for the Republic of Maldives

ga/pdes

 (WF) Y. Bolian
 25.10.74

ORIGINAL DIRECT

cleared
~~cc~~

Mr. J. Mikolaj

Mr. N. Falzon

JZB/mvm

RECORDS CONTROL

OCT 1

14 October 1974

POUCH

TE 311/1 MALDI

Dear Michael,

Subject: Maldives Islands/72/002
Engines for Dispensary Vessel M/V "GOLDEN RAY"

Reference is made to my letter of 19 April 1974 concerning the engines for the dispensary vessel M/V "GOLDEN RAY".

We have now received a cable from Lister Marine informing Purchase and Transportation Section that both engines are now ready and that they are applying to international freight forwarders, Messrs. Schenkers of London for forwarding instructions. As soon as we receive further information concerning the shipment of the engines we shall write you immediately.

In the meantime, may we suggest that you pass on this information to the government and to Messrs. Walker, Sons and Co. Ship Repair Yard in Colombo for the tentative forward planning of the drydocking and installation of the engines on board M/V "GOLDEN RAY".

With kind personal regards,

Yours sincerely,

J.Z. Bradanovic
Transport Section
Centre for Natural Resources,
Energy and Transport

Mr. Michael Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, SRI LANKA

ROUTING SLIP

FICHE DE TRANSMISSION

TO: *M Bradanovic*
A:

FOR ACTION		POUR SUITE A DONNER
FOR APPROVAL		POUR APPROBATION
FOR SIGNATURE		POUR SIGNATURE
PREPARE DRAFT		PROJET A REDIGER
FOR COMMENTS		POUR OBSERVATIONS
MAY WE DISCUSS?		POURRIONS-NOUS EN PARLER ?
YOUR ATTENTION	<i>/</i>	VOTRE ATTENTION
AS DISCUSSED		COMME CONVENU
AS REQUESTED		SUITE A VOTRE DEMANDE
NOTE AND FILE		NOTER ET CLASSER
NOTE AND RETURN		NOTER ET RETOURNER
FOR INFORMATION		POUR INFORMATION

For your info.

Date:

10/2/74

FROM:

DE:

George Faltus

M E S S A G E

FOR:
POUR :

FROM:
DE :

Telephone No.:
No de téléphone :

Extension:
Poste :

Room No.:
No de bureau :

RETURNED YOUR CALL

VOUS A RAPPELÉ (E)

WILL CALL YOU AGAIN

VOUS RAPPELLERA

WOULD LIKE YOU TO CALL

VOUDRAIT QUE VOUS L'APPELIEZ

CAME TO SEE YOU

EST VENU (E) VOUS VOIR

WOULD LIKE TO SEE YOU

VOUDRAIT VOUS VOIR

Received by - Reçu par :

Date:

Time - Heure :

ZY491 DURSLEY 22/20 2 NFT

UNATIONS

NEWYORK

ATTN MR BARIM

ORDER 3-20-18142 M18797/8

BOTH ENGINES NOW READY APPLYING TO SCHENKERS LONDON TODAY
FOR FORWARDING INSTRUCTIONS

++++

LISTER MARINE

S C WOOD

INCOMING

ACTION

See Letter
NO.

☐ ACTION COMPLETED

INITIALS

RETURN TO

REGISTRY

ROOM 2074

UNITED NATIONS
CABLE OPERATIONS
1974 OCT -2 PM 5:29

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UNATION62450

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UWNY HL CECO 026

COLOMBO 26/25 15 1855

LTF

UNATIONS

NEWYORK

cc. Mr. Mullaney (P2T)

for comments, pls.

LP.O. 73-18142

242*VANDERHEIDE YOUR 195 RE MDV/72/002 KINDLY CABLE NAME

VESSEL EXPECTED DELIVERY COLOMBO LISTER MARINE ENGINES

SPARES MALDIVE AUTHORITIES MOST ANXIOUS

UNDEVPRO

COL LTF 242 195 MDV/72/002

INCOMING

RECEIVED

JUL 16 1974

ACTION

TO
FILE NO.

PRS/AME/OTC

ACTION COMPLETED

INITIALS

RETURN TO
REGISTRY
ROOM 2074

1974 JUL 16 AM 7:03

(WF) y. Bouiam

RECEIVED

16.7.74

JUL 16 1974

OTC

TE 311/1 MALDI



Dear Michael,

Subject: Maldives Islands/72/002
Engines for Dispensary Vessel M/V "GOLDEN RAY"

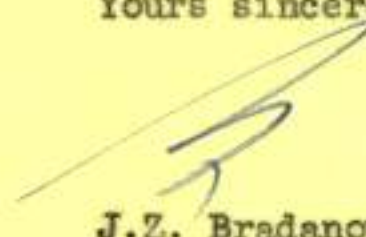
..... I was pleased with your visit to my office today and as informed you attached please find for your information the Purchase Order sent out by the Purchase and Transportation Service to Walker, Sons and Co., Ltd. The representatives of this firm will contact you in due course.

Since you will be required to notify Messrs. Walker, Sons and Co. as to when the vessel and engines will be available for the installation we will not fail to inform you, well in advance, of the date of shipment and approximate time of the vessel's arrival in Sri Lanka with the engines for the M/V "GOLDEN RAY".

Immediately upon receipt of such information you would be well advised to inform the government in order that they may make timely arrangements for the towing of M/V "GOLDEN RAY" from Male in the Maldives Islands to Sri Lanka.

With kind personal regards.

Yours sincerely,


J.Z. Bradanovic
Transport Section
Resources and Transport Division

Mr. Michael Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, SRI LANKA

TE 311/MALDI

73-18142

IP 001-274-0783

12,230.13

MDV/72/002

MOD 3-29-6305

4 April 1974

Walker, Sons & Co. Ltd.
P.O. Box No. 166
Colombo, Sri Lanka (Ceylon)
Marine Department

Shipyard

(See Below)

Will advise

Net

1cc Leblanc/Ditto 1cc Bill

FOR PROJECT MDV/72/002

As Per Your Quotation, Ref. EDE/RS/SB
dated 27 March 1974 for work to be
performed on vessel Golden Ray.

- For labour with necessary gear to remove old engines and store them on board. Install two (2) new lister type engines, accessories, cutlass bearings, tailshafts and propellers as supplied by United Nations. Include Proper Alignment of Same. Refit all essential removed parts and trial test engines. This shall include slipping on your railway. It shall be understood that the price quoted does not include extensive alterations to the existing bedplate. Final inspection shall be made by qualified engineer, who will approve the work before payment is made.

Total Price, Approx.

RS/

14,875.00

(Contd.)

RS 14875.00

D. J. Casey, Acting Chief
Purchase & Standards
Section

GF/
cg

Walker & Sons will contact:

RESIDENT REPRESENTATIVE OF U.N.D.P.
Mr. M. Priestly, Res. Rep. A.I.
P.O. Box 1505
Colombo, Sri Lanka
P.O. 3-20-18142A (Req. No. 73-18142)

Mr. Priestly will advise when vessel
and new engines will be available.
Attached are 2 copies each of old and
new engine installation.

Please acknowledge receipt of this order.

TE 311/1 MALDI

13 March 1974

POUCH

Dear Michael,

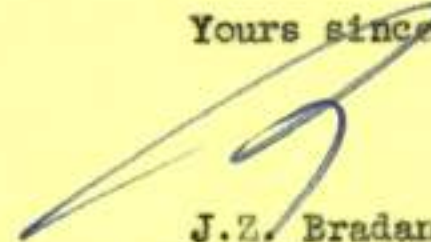
Subject: Engines for M/V "GOLDEN RAY"

Further to previous correspondence on the above subject, please be informed that the Purchase and Standards Section of the United Nations has received a cable from Lister Marine stating that the engines for the above-mentioned vessel have been programmed for dispatch June 1974.

..... Attached please find a copy of the cable of 6 March 1974.

With kind personal regards.

Yours sincerely,


J.Z. Bradanovic
Transport Section
Resources and Transport Division

Mr. Michael Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, Sri Lanka

ROUTING SLIP

FICHE DE TRANSMISSION

TO: A: *J.W. Bradshaw* — *13/34*

FOR ACTION		POUR SUITE A DONNER
FOR APPROVAL		POUR APPROBATION
FOR SIGNATURE		POUR SIGNATURE
PREPARE DRAFT		PROJET A REDIGER
FOR COMMENTS		POUR OBSERVATIONS
MAY WE DISCUSS?		POURRIONS-NOUS EN PARLER ?
YOUR ATTENTION		VOTRE ATTENTION
AS DISCUSSED		COMME CONVENU
AS REQUESTED	<input checked="" type="checkbox"/>	SUITE A VOTRE DEMANDE
NO ND FILE		NOTER ET CLASSER
NOTE AND RETURN		NOTER ET RETOURNER
FOR INFORMATION		POUR INFORMATION

Do

*13/3/74*FROM:
DE:*Geo. Folter*

M E S S A G E

FOR:
POUR :

FROM:
DE :

Telephone No.:
No de téléphone :

Extension:
Poste :

Room No.:
No de bureau :

RETURNED YOUR CALL

VOUS A RAPPELÉ(E)

WILL CALL YOU AGAIN

VOUS RAPPELLERA

WOULD LIKE YOU TO CALL

VOUDRAIT QUE VOUS L'APPELIEZ

CAME TO SEE YOU

EST VENU(E) VOUS VOIR

WOULD LIKE TO SEE YOU

VOUDRAIT VOUS VOIR

Received by - Reçu par :

Date:

Time -

e :

RECEIVED
1974 MAR -6 PM 1:12
UNITED NATIONS
PURCHASE & TRANSPORTATION

INCOMING
ACTION
TO
FILE NO.
<input type="checkbox"/> ACTION COMPLETED
INITIALS
RETURN TO REGISTRY ROOM 2074

1974 MAR -6 PM 10:54

ZY692 N54 2290 LISTER DURSLEY 38/37 6

UNATIONS

NEWYORK =

FOR BARIM

ORDER 3-20-18142 / OUR M18797/3 YOUR TELEX 11/2 AND 5/3 .

JW6MGR ENGINES PROGRAMMED FOR DESPATCH JUNE 1974. AS FAR AS

WE CAN TELL AT THIS TIME WE SHOULD MAINTAIN THIS

PROMISE .

+++++

S C WOOD

LISTER MARINE

C. C. to J Bradman
6/3/74

Rec'd 14 Mar/74

ENCLOSURE ATTACHED

UNITED

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இக்கிய



NATIONS

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நாடுகள்

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

204 Baudhaloka Mawatha

Colombo 7

Reference :

MDV/72/002/A/01/01 CONTROL NO.

OFFICIAL CORRESPONDENCE

MUST BE RETURNED TO
RECORDS CONTROL, ROOM 2074

BY POUCH

3/75

RECEIVED IN RECORDS CONTROL
13 MAR 1974
ACTION TO:
MR. O. R. Leblanc
X PUT AWAY
F.C.
ADDRESS: { FOR CABLES: UNDEVPRO
FOR MAIL: P.O. BOX 1508
TEL: 85287, 85288, 83804

21 February 1974

(E 311/1 MALDI

Mr. O.R. Leblanc
Administrative Officer
Administrative Section
Office of Technical Co-operation
United Nations
New York

Dear Mr. Leblanc,

MDV/72/002/A/01/01 - Transport Equipment for Ocean-
going Vessels

.... Reference your letter dated 6 February 1974, enclosed is
the inventory duly signed as requested.

Yours sincerely,

Handwritten signature

C. Hart Schaaf
Resident Representative

ga/pdes

ORIGINAL DIRECT

DRAFTED: F. Charlebois

cc: Leblanc - 2

Charlebois
Sect. Chron

TE 311/1 MALDI

6 February 1974

Dear Mr. Schaaf,

Thank you for your letter reference MDV/72/002/A/01/01 dated 16 January 1974 concerning the property control list as at 30 November 1973 for project MDV/72/002.

In view of the fact that the equipment has not yet arrived in the Maldives, please sign and return the inventory indicating "No equipment received as at 31 December 1973".

Yours sincerely,

O. R. Leblanc
Administrative Officer
Administrative Section
Office of Technical Co-operation

Mr. C. Hart Schaaf
Resident Representative
United Nations Development Programme
P.O. Box 1505
Colombo, Sri Lanka

Rec'd 30 Jan/74

franchise

ORIGINAL DIRECT

UNITED

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OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

204 Baudhaloka Mawatha

Colombo 7

Reference : MDV/72/002/A/01/01

ADDRESS: { FOR CABLES : UNDEVPRO
FOR MAIL : P. O. BOX 1505
TEL. 85287, 85288, 83804

TE 311/~~MALDI~~ MALDI

BY POUCH

16 January 1974

Mr. M.E. Doerner
Deputy Chief
Administrative Section
Office of Technical Co-operation
United Nations
NEW YORK

Action completed.
J.C.

Dear Mr. Doerner,

MDV/72/002/A/01/01 Provision of Transport Equipment
for Ocean-going vessels

I am writing with reference to your letter dated 21 December 1973 enclosing 3 copies of the computer listing of equipment purchased by the UN for the above project which you have forwarded for purposes of physical year end entry required by the United Nations financial rules.

In this connection I wish to inform you that the equipment concerned has still to physically arrive in the Maldives and in the circumstances follow up and return of the computer listing form including certification cannot be implemented at this stage. We await your advice.

Yours sincerely,

C. Hart Schaa
C. Hart Schaa
Resident Representative

ga/pdes

RECEIVED

16 JAN 1974
Administrative Section
Office of Technical Co-operation

Y. Bouianov
Y. Bouianov/rw

cc: Mr. van der Heide
Mr. Bradanovic
Miss Chait

TE 311/1 ~~SECRET~~
MALDI

8 January 1974

Via Pouch

Dear Mr. Schaaf,

..... Please find enclosed two copies of Mr. Bradanovic's Report on his mission to the Republic of Maldives as requested in your cable No. 440.

Yours sincerely,

R.K. Basu, Chief
Physical Resources Projects Section
Asia the Middle East Branch, OTC

Mr. C. Hart Schaaf
Resident Representative of the
United Nations Development Programme
in Sri Lanka
P.O. Box 1505
Colombo, Sri Lanka

NNNN-

UNATION 62450

WUI NY TELUS 137 29 132900

UNATION 62450

WUI NY TELUS 136 29 1333

ZCZC TDA122 LNL109 PPD541X COA942 G523

UWNY CY CECO 027

COLOMBO 27 29 1605

ETAT

UNATIONS

NEWYORK

*cc. Mr. Bradansovic -
for action (if copies available).*

*(W# y. Beniam
4.1.74.*

440 VANDERHEIDE REURLET 14 NOVEMBER 1973 MALDIVIAN
AUTHORITIES REQUEST FURTHER TWO COPIES BRANDANOVICS REPORT
MISSION TO MALDIVE ISLANDS GRATEFUL POUCH SAME URGENTLY
SCHAAF UNDEVPRO

COL ETAT 440 14 1973



INCOMING
ACTION
TO <i>D. Mr. Bush</i>
FILE NO. <i>TE 311/1 MALDI</i>
<input checked="" type="checkbox"/> ACTION COMPLETED
INITIALS <i>[Signature]</i>
RETURN TO
REGISTRY
ROOM 2074

RECEIVED

JAN 3 - 1974

OTC

RECEIVED

JAN 4 1974

PRS/AME/OTC

1973 DEC 29 PM 1:37

UNITED NATIONS

UNITED

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NATIONS

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நாடுகள்

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES
204 Baudhaloka Mawatha
Colombo 7

Reference : MDV/73/006/A/01/01

POUCH

Mr. J.Z. Bradanovic
Transport Section
Resources and Transport Division
United Nations
NEW YORK

Dear Jack,

Many thanks for your letters TE 311/1 MALDI of 30 November and 11 December 1973 and for your efforts in locating a suitable type of vessel for the WHO emergency service in Maldivian islands. I have passed these details on to Aldo Bujevic, who will, I am sure, be giving these designs very careful consideration. We would also be certainly very interested in any second hand boats of the type you have in mind. As of this moment, however, it seems that finance for this project from the LDC provisions is a little uncertain in that the Education authorities in Maldives have recently produced a very strong case for a comprehensive educational innovation programme. Nevertheless we are most appreciative of any advice you can give us on suitable vessels as alternative sources of finance are always possible.

Your excellent mission report has been well received in Male and we hope very shortly to have their considered reaction to your proposals.

Warm wishes for Christmas and the New Year.

Yours sincerely,

M.J. Priestley
Deputy Resident Representative

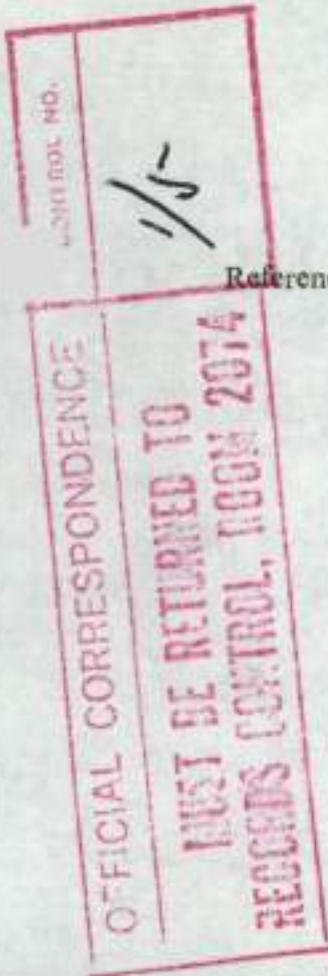
cc. Dr. A. Bujevic
WHO Representative in Sri Lanka and Maldives

MJP/nw

No action required.

ADDRESS: { FOR CABLES: UNDEVPRO
RECEIVED IN: FOR MAILING: BOX 1505
TEL: 85287 85288 85804
21 December 1973
ACTION TO:
1. MR. J. Z. BRADANOVIC
2.
3. ☒ PUT AWAY
INITIALS: *B*
☐ BRING FORWARD
ON: DAY 1 MONTH 12
TO:

31/1/74
Noted
31/1/74



UNITED

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මහජන



UNITED

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මහජන

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLIC OF SRI LANKA (CEYLON) AND MALDIVES
20, Bandula, Marawatha
Colombo 7

FOR CHAIRMAN'S OFFICE
FOR SECRETARY'S OFFICE
FOR ASSISTANT SECRETARY'S OFFICE

MDV731008\A\0101

POUCH

Mr. J. E. Bradanovic
Transport Section
Resources and Transport Division
United Nations
NEW YORK

Dear Jack,

Many thanks for your letter of 30 November and 11 December 1973 and for your efforts in locating a suitable type of vessel for the WHO emergency service in Maldivian islands. I have passed these details on to Aldo Bujovic, who will, I am sure, be giving these designs very careful consideration. We would also be certainly very interested in any second hand boats of the type you have in mind. As of this moment, however, it seems that finance for this project from the LDC provisions is a little uncertain in that the Education authorities in Maldives have recently produced a very strong case for a comprehensive educational innovation programme. Nevertheless we are most appreciative of any advice you can give us on suitable vessels as alternative sources of finance are always possible.

Your excellent mission report has been well received in Malé and we hope very shortly to have their considered reaction to your proposals.

Warm wishes for Christmas and the New Year.

Yours sincerely,

M. J. Priestley
Deputy Resident Representative

cc. Dr. A. Bujovic
WHO Representative in Sri Lanka and Maldives



Handwritten notes:
No action left
Mr. J. E. Bradanovic
21 December 1973
21/1/74

ORIGINAL LETTER

RECORDS CONTROL
DEC 20 1973

JZB/mvm

TE 311/1 MALDI

19 December 1973

POUCH

Dear Michael,

Further to my letter of 11 December, we have now received specifications from Yokohama Yacht Co., Ltd. through K. Arano and Co., Ltd., for the proposed fast inter-atoll service of WHO in Maldiv Islands.

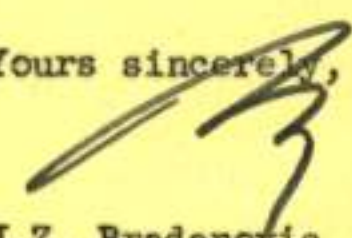
..... I enclose the specifications of the 12-meter motor launch as well
..... as the general arrangement plan including the Yokohama Yacht's descriptive literature on their products.

In my opinion this boat does not meet the specifications which you outlined to me in your letter of 27 October 1973. First of all, the boat has only one engine whereas the vessel operating in remote areas of the Indian Ocean should, for safety purposes, have a minimum of two engines. Secondly, the speed of the boat is about 16 knots and that is below the required speed of about 20 knots.

As you will see, the price for one boat is US\$105,928 F.O.B.O Yokohama, Japan. Ocean freight charges will have to be added to that amount in order to arrive at a delivered cost of this boat in Maldiv Islands. Accordingly, I conclude that this indication is the least attractive one.

With kind personal regards.

Yours sincerely,



J.Z. Bradanovic
Transport Section
Resources and Transport Division

Mr. M. Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, Sri Lanka

UNITED NATIONS
DEVELOPMENT PROGRAMME



PROGRAMME DES NATIONS UNIES
POUR LE DEVELOPPEMENT

866 UNITED NATIONS PLAZA
NEW YORK, N.Y. 10017

INTEROFFICE MEMORANDUM

TO: Mr. Bahgat El-Tawil,
Acting Director
Office of Technical Co-operation

FROM: Carlos S. Vegega *C. S. Vegega*
Officer-in-Charge
Bureau for Asia and the Far East

SUBJECT: MALDIVE ISLANDS - Reports of Mr. J. Bradanovic on his Mission

Date: 13 December 1973

LDC/MDV

FILE NO.: MDV/GEN

SENDER'S TELEPHONE EXTENSION:

Please refer to your memorandum of 14 November. We are at present undertaking reviews of the proposals made by Mr. Bradanovic. We will inform you of our views when the outcome of the review is known.

RECEIVED
1573

DEC 14 1973

OTC

RECEIVED

DEC 17 1973

OTC

RECEIVED
DEC 17 1973
PRS/LAME/OTC

cc. Mr. Bradanovic
for attention

(WF)

YB

18.12.73

ORIGINAL DIRECT

JZB/mvm



TE 311/1 MALDI

Dear Michael,

I hope that you have returned in the meantime from Maldiv Islands where you had an opportunity to discuss various aspects of my reports.

.....

As requested, attached please find additional information on a suitable type of craft for fast inter-atoll service for the World Health Organization. I am sending you this in duplicate so that you may pass on a copy to Dr. Bujevic.

As you will see, the price of this type of vessel is considerably in excess of the Egg Harbour Boat Company sent to you previously. However, this boat would more or less fully meet your original specifications.

With kind personal regards as well as to Dr. Bujevic.

Yours sincerely,

J.Z. Bradanovic
Transport Section
Resources and Transport Division

Mr. M. Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, Sri Lanka

ORIGINAL DIRECT

JZB/mvm



POUCH

TE 311/1 MALDI

Dear Michael,

..... Further to previous correspondence on the fast motorboat for inter-atoll service of the WHO in Maldiv Islands, I attach a copy of the offer made for the YAMAHA boat.

I may tell you immediately that this type of a boat would not be suitable.

As you are aware, the fuel crisis which presently prevails is likely to induce owners of suitable boats to dispose of them at considerable discount. Therefore, if the procurement of a second-hand vessel could be made, I feel confident that the amount which you have envisaged would meet the cost for two fast inter-atoll boats for the WHO services in Maldiv Islands.

With kind regards.

Yours sincerely,

J.Z. Bradanovic
Transport Section
Resources and Transport Division

Mr. Michael Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, Sri Lanka

ORIGINAL DIRECT

RECORDS CONTROL
NOV 27 1973

JS/gm

Ref: TE 322/1, SALA

TE 311/1 MALDI

26 November 1973

By Pouch

Dear Michael,

Thank you for your letter of 14 November 1973 and the attached check in the amount of \$16.70. I hope your trip to the Maldives was fruitful and pleasant.

Yours sincerely,

Jacques Seletti
Transport Section
Resources and Transport Division

Mr. Michael J. Priestley
Deputy Resident Representative
of the UNDP
204 Baudhaloka Mawatha
Colombo 7
Sri Lanka

UNITED

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NATIONS

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நாடுகள்

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

Reference : MDV/72/004/A/01/01

204 Baudhaloka Mawatha

Colombo 7

-6 DEC 1973

ACTION TO:

1 Mr. J. Seletti

2

3

☒ PUT AWAY

INITIALS

☐ RETURN TO WARD

ON

DAY MONTH YEAR

ADDRESS: { FOR CABLES : UNDEVPRO
FOR MAIL : P. O. BOX 1505
TEL. 85287, 85288, 83804

BY POUCH

Mr. Jacques Seletti
Transport Section
Resources and Transport Division
United Nations
NEW YORK

24 November 1973

Dear Mr. Seletti,

Thank you very much for your very kind letter of 15 November 1973 and your kind sentiments therein. As I mentioned to you in Colombo during your visit here we have been further informed of the Government's satisfaction of the contents of presentation of your report on tourism in the Maldives. The Government is still awaiting Mr. Bradanovic's report and once this has been studied I am sure further development in the tourism field would be definitely forthcoming.

My best regards, and again thanks for your kind sentiments expressed in your letter.

Yours sincerely,

G. Amarasingha
Senior Programme Assistant

OFFICIAL CORRESPONDENCE	CONTROL NO.
MUST BE RETURNED TO RECORDS CONTROL, ROOM 2074	12/57

ga/pdes

Y. Boulanov/myc

cc: Mr. Lastovka

Mr. Shrestha

15 November 1973

TE 344/1 MALDI

Mr. Wiebe van der Heide
Ag. Deputy Director
Office of Technical Co-operation

R.K. Basu, Chief
Physical Resources Projects Section
Asia and Middle East Branch, OTC

MALDIVE ISLANDS: Transport and Equipment of Ocean Going Vessels MDV/72/002

.....

Please find herewith Mr. Bradanović's report on his mission to the Maldives Islands. As you know, he was asked to make recommendations for projects in the field of transport which would be financed out of the Regular Programme budget. We believe his recommendations for slipway and marine workshop facilities is worthy of consideration for financing under the Regular Programme.

Ref. TE 322/ISA/A(1425/
TE 311/1 MALDIVES

cleared by: Mr. R.K. Basu, CTC

ORIGINAL

RECORDS CONTROL

NOV 16 1973

15 November 1973

By Pouch

JS/gm

Dear Mr. Amarasinha,

I enjoyed meeting you during my recent visit to Sri Lanka in connexion with the Sri Lanka Tourist Image-Motivation Study. It was a good opportunity to discuss my report on Tourism in the Maldives. I was pleased to hear from you that the Government was satisfied with its contents and presentation and that it was using it.

..... Upon my return to New York lately, a colleague of mine, Mr. Jakov Z. Bradanovic, who was in the Maldives last September to make recommendations on Inter-Atoll Cargo and Passenger Service, told me and confirmed it in a note (copy attached) the same thing.

This is most encouraging in view of the fact that Mr. R.K. Basu, Chief of the Physical Resources Projects Section, Asia and Middle East Branch, CTC, who understands the economic, financial and social benefits of promoting tourism in the developing countries, discussed with me the possibility of helping the Maldives with a follow-up project based on my work in this country last spring.

I shall give serious thought to it and expect to review the matter again with Mr. Basu in the near future.

In the meantime, I am sending you my best regards and thanks for your help and co-operation.

Yours sincerely,

Jacques Seletti
Transport Section
Resources and Transport Division

Mr. G. Amarasinha
Senior Programme Assistant
UNDP in the Republic of the Maldives
P. O. Box 1505
Colombo,
Sri Lanka

TE 311/1 MALDI

15 November 1973

POUCH

Dear Michael,

Further to my letter of 8 November, I am pleased to inform you that I have handed over to OTC 12 copies of my report on the mission to the Maldives Islands between 31 July and 6 August 1973.

..... I attach one copy of the mission reports which as you can see consist of three reports and an envelope containing drawings of the slipway and marine workshop facilities project. The envelope containing drawings is not attached to the enclosed copy. No doubt you will receive additional copies from Mr. Basu along with any comments which he may have.

I take this opportunity to recommend to you that the reports which contain the envelope with drawings be sent to the Government in as many copies as possible.

..... For your information, P and T has received the price list and descriptive literature from Egg Harbour Boat Company for fast inter-atoll boats for WHO emergency services. I am pleased to enclose the said price list as well as descriptive literature on their sedans from 30 to 46 feet.

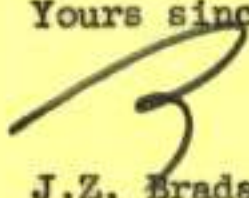
In order to stay within the available funds of approximately US\$103,000, two 33 feet sedans each with twin 185 HP diesel engines are suggested. The approximate cost as you will see is US\$40,600. An additional amount of US\$10,000 will be required to cover the transportation, insurance and basic spare parts for each boat. It is likely that this type of boat will be suitable for the service which WHO have in mind. I would, however, suggest that we await for additional literature and indication of prices in order to select the most suitable and at the same time the least costly type of boat for fast inter-atoll medical service in the Republic of Maldives.

..... Attached please find a copy of a cable which P and T has sent to Lister Marine placing the order for two marine engines for the dispensary motor vessel "GOLDEN RAY."

With kind personal regards to Dr. Bugevic, I remain

Yours sincerely,

Mr. M. Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, Sri Lanka


J.Z. Bradanovic
Transport Section
Resources and Transport Division

cleared: R.K. Basu

G. Boulan
D. Boulan
Y. Boulan/myc
cc: Mr. Bradanovic

TE 311/1 MALDIVES

14 November 1973

Via Pouch

Dear Mr. Priestley,

.....

We are pleased to forward, under separate cover, eight copies of three reports covering Mr. Bradanovic's mission to the Maldivian Islands, for your review and further discussions with the Government.

Yours sincerely,

Wiebe van der Heide
Ag. Deputy Director
Office of Technical Co-operation

Mr. Michael J. Priestley
Deputy Resident Representative
UNDP in Sri Lanka
P.O. Box 1505
Colombo, Sri Lanka

ORIGINAL DIRECT

Drafted: Shrestha/pl
Cleared: Mr. van der Heide

Mr. Rajendra Coomaraswamy, Assistant Administrator
and Director, Regional Bureau for Asia and the Far
East, UNDP

14 November 1973

Bahgat El-Tawil, Acting Director
Office of Technical Co-operation

MALDIVE ISLANDS - Reports of Mr. J. Bradanovic on his Mission

..... As requested in your memorandum of 10 September 1973, I am pleased to
enclose herewith copies of the Mission reports of Mr. Bradanovic who visited
the Maldives Islands from 31 July to 6 August 1973. The reports have also been
officially submitted to the Government of the Maldives Islands.

Date 13 November 1973

Mr. R.K. Basu, Chief
Physical Resources Projects Section
Asia and Middle East Branch, OTC

RECORDS SECTION
NOV 14 1973
FZB/mvm

13 November 1973

TE 311/1 MALDI

J.Z. Bradanovic, Transport Section
Resources and Transport Division, USA

Mission Reports to the Maldives Islands

.....

Attached please find 12 copies of three reports covering my mission to Maldives Islands between 31 July and 6 August 1973.

I would appreciate it if you would send these 12 copies to the field which the Deputy Resident Representative, Mr. Priestley, requested me while I was in Colombo.

I have been informed in a personal letter by Mr. Priestley that he is leaving on 27 November for Maldives Islands and he wanted to have my reports as soon as possible so that he can review them before discussions with the Government.

UNITED NATIONS

INTEROFFICE MEMORANDUM

**RUSH**

TO: Mr. Y. Bouianov
A: Programme Management Officer, OTC/ISA

16 NOV 1973

DATE: 12 November 1973

THROUGH:
S/C DE:

FROM: George Folber
DE:

Procurement Officer, Purchase & Standards Section

SUBJECT: Reqn. No. 73-18142
OBJET: Field No. MDV/72-002
Project: Maldives Islands

Transport Equipment of Ocean Going Vessels

RECEIVED IN RECORDS CONTROL	
16 NOV 1973	
ACTION TO:	
1	Mr. Y. Bouianov
2	
3	
PUT AWAY	
16/11/73	
<input type="checkbox"/> BRING FORWARD	
ON	DAY MONTH YEAR
TO:	

REFERENCE:

TE 311/1 MALDI

The funds on the subject requisition have been underestimated in the amount of \$5000.00.

Please issue an amendment urgently as no further action can be taken until the amended requisition is received.

OFFICIAL CORRESPONDENCE	CONTROL NO.
MUST BE RETURNED TO RECORDS CONTROL, ROOM 2074	11/136A

TE 311/1 MALDI

8 November 1973

POUCH

Dear Michael,

Further to my letter of 1 November 1973, please be informed that an inquiry has been sent out to eleven firms for the fast inter-atoll motorboats which will be used in the Maldiv Islands for rushing medicines, equipment and personnel where epidemics break out and which have to be brought under control as quickly as possible.

..... Attached please find a copy of inquiry dated 2 November for your information.

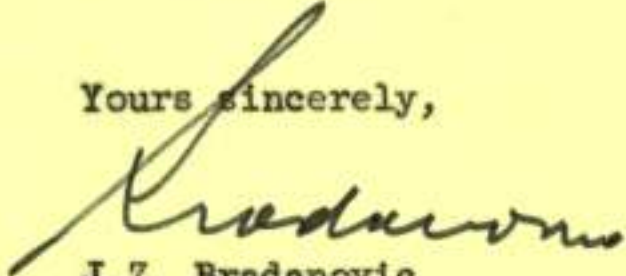
I take this opportunity to inform you that my reports on Maldiv Islands will be completed and handed over to OTC on Wednesday, 14 November and will be sent to you by pouch on Friday, 16 November. You should therefore, receive it by Monday, 19 November which will give you ample time to review my reports and recommendations.

I also hope that by 14 or 15 November we will receive some of the replies we have requested on 2 November for the fast inter-atoll vessels the specifications of which I have outlined in my letter of even date.

..... I am sending you an extra copy so that you may pass it on to Dr. Aldo Bujevic to whom please extend my best regards.

With kind regards.

Yours sincerely,


J.Z. Bradanovic
Transport Section
Resources and Transport Division

Mr. M. Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, Sri Lanka

2 November 1973

Gentlemen,

Subject: UN Case File No. MDV/73/006/G.F.

Please send us urgently your quotation with illustrative literature in 5 copies for the following items:-

<u>Item</u>	<u>Qty.</u>	<u>Unit</u>	<u>Description</u>
1.	2	each	Boats Fiberglass, 35-40 ft., Twin Diesel (Perkins), 2 to 1 reduction gear, reverse, monel shafts, cruising minimum 18-20 knots in rough seas, range approx. 300 miles, 4 berths in separated areas (2 in each area may be upper and lower berths) plus crews quarters for 2 forward with head, head with shower in main cabin, H & C pressure water, 5KW generator 230/400-50 cycles, galley with refrigerator operating from engine alternator and generator, full instrumentation including compass. Cabins must be fully ventilated for operation in sub-tropical climate. Equipment must include manual and electric bilge pump and all operational approved safety devices for high seas operation, i.e. life vests, flares, inflatable life raft for 6 persons, etc. Fire extinguishers, docking lines, anchors, anchor line and miscellaneous equipment recommended by the manufacturer should be included. No luxury items. <u>Spares for each vessel:</u> Bulbs, extra line, 1 spare propeller, 1 shaft, 2 cutless bearings, 2 propeller butts, 2 shaft propeller spline keys and engine manufacturers recommended spare parts for 1 year's operation. <u>SPARE PARTS ARE TO BE LISTED AND PRICED SEPARATELY.</u>

Each vessel will require a SSB radio transceiver with a range of 500 miles minimum with 2 operating frequencies. Please quote on complete installation if possible.

THESE VESSELS ARE TO BE USED IN THE MALDIVE ISLANDS FOR RUSHING MEDICINE, EQUIPMENT AND PERSONNEL TO ATOLLS WHERE EPIDEMICS HAVE BROKEN OUT AND HAVE TO BE BROUGHT UNDER CONTROL AS QUICKLY AS POSSIBLE.

- | | | |
|---|---|---|
| 1. Seika Sangyo Co. Ltd.
New Tokyo Bldg. 3-1-3 Chome
Marunouchi, Tokyo, Japan | 3. K. Arano & Co. Ltd.
Central P.O. Box 1701
Tokyo, 100-91, Japan | 5. Fibre Glass Indust
24 Bailey Street
West End Brisbane
Queensland
Australia |
| 2. Kinso-Mataichi Co. Ltd.
80 Pine Street
New York City, N.Y. 10005 | 4. Sanso Co. Ltd.
27-2 Chome
Shiba-Hamamatsu-cho
Minato-ku, Tokyo, Japan | 6. Hawker De Havilland
Ltd.
Birnie Avenue
Lidcombe N.S.W. 2115
Australia |

<u>Item</u>	<u>Qty.</u>	<u>Unit</u>	<u>Description</u>
2.	3	each	Boats, Fiberglass - 25-32 ft. similar to launches. Open with convertible canvas hood for inclement weather. Comfortable seating for 6 with room for 2 litter cases. Diesel engine (Perkins), 2 to 1 reduction, reverse gear, enclosed head, small galley with sink. Manual and electric bilge pump, instrumentation including compass. Dock lines, anchor, anchor lines, life preservers for 8, flares, fire extinguishers and miscellaneous equipment as recommended by manufacturer. <u>Spare parts for each vessel:</u> 1 shaft, 1 propeller, 1 cutless bearing, 1 propeller nut, 1 propeller spline key and engine manufacturers recommended spare parts for 1 year's operation.

SPARE PARTS ARE TO BE LISTED AND PRICED SEPARATELY.

When quoting, please indicate the approximately weight and dimension of each unit, and earliest delivery date. Also kindly quote FOB shipping point, for surface shipment to Ceylon (Sri Lanka).

All quotations must be signed in ink, and the typed or printed name of the individual signing should also appear. Please address your reply under the above-mentioned reference number for the attention of the undersigned, Room 2166-H.

Very truly yours,

⑦. Bertram Yachts
3663 N.W. 21st Street
Miami, Florida 33152

8. Chris Craft Corp.
Pompano Beach, Florida 33061

9. Egg Harbor Boat Co. Inc.
Egg Harbor
New Jersey 08215

10. Bristol Yachts
Custom Division
Bristol, Rhode Island 02809

George Folber
Procurement Officer
Tel. 212-754-1234 Ext. 4351

2 November 1973

Gentlemen,

Subject: UN Case File No. MDV/73/CO6/G.F.

Please send us urgently your quotation with illustrative literature in 5 copies for the following item:-

<u>Item</u>	<u>Qty.</u>	<u>Unit</u>	<u>Description</u>
2.	3	each	Boats, Fiberglass - 25-32 ft. similar to launches. Open with convertible canvas hood for inclement weather. Comfortable seating for 6 with room for 2 litter cases. Diesel engine (Perkins), 2 to 1 reduction, reverse gear, enclosed head, small galley with sink. Manual and electric bilge pump, instrumentation including compass. Dock lines, anchor, anchor lines, life preservers for 6, flares, fire extinguishers and miscellaneous equipment as recommended by manufacturer. <u>Spare parts for each vessel:</u> 1 shaft, 1 propeller, 1 cutless bearing, 1 propeller nut, 1 propeller spline key and engine manufacturers recommended spare parts for 1 year's operation.

SPARE PARTS ARE TO BE LISTED AND PRICED SEPARATELY.

When quoting, please indicate the approximately weight and dimension of each unit, and earliest delivery date. Also kindly quote FOB shipping point, for surface shipment to Ceylon (Sri Lanka).

All quotations must be signed in ink, and the typed or printed name of the individual signing should also appear. Please address your reply under the above-mentioned reference number for the attention of the undersigned, Room 2166-H.

Very truly yours,

Henry R. Hinckley & Co.
Southwest Harbor
Maine 04679

George Folber
Procurement Officer
Tel. 212-754-1234 Ext. 4351

ORIGINAL DIRECT

RECORDS CONTROL

JZB/mvm

TE 311/1 MALDI

1 November 1973

POUCH

Dear Michael,

Thank you for your letter of 27 October 1973, from which I understand that the Government of the Republic of Maldives is requesting two sea-going launches for epidemic control.

Through an informal letter of the Purchase and Transportation Section, we are endeavouring to obtain an indication of cost of the sea-going launches the specifications of which you briefly outlined in your letter.

I hope that I will be in a position to pouch to you on 16 November the information requested. This will give you the opportunity to take the documentation with you to Maldives on 27 November.

I also hope that I will be in a position to send you on 16 November the indication for the smaller type of boat with a speed of approximately 8 knots for within Atol service. While in Colombo I was shown the boats which UNICEF is providing.

Dr. Schaaf's cable 352 of 27 October was passed on to me for attention and since that cable crossed my personal letter to you of 25 October, I did not consider it necessary to reply by cable, because the information you requested is contained in that letter which no doubt you have received in the meantime.

My reports on the inter-atol shipping in Maldives as well as the report on the slipway and marine workshop facility in Maldives is being prepared and I hope that I will, through OTC, be in a position to pouch to you sufficient number of copies on Friday, 9 or Friday, 16 November 1973.

The reason for some delay in dispatching these reports is that it has taken more than the anticipated time for reproduction of many drawings which are integral part of these reports.

With kind regards.

Yours sincerely,

J.Z. Bradanovic

Transport Section

Resources and Transport Division

Mr. M. Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, Ceylon

UNATION 62450

WUI NY TELUS 139 27 1738

ZCZC TDD446 LNL967 PPC745X COA623 G146

UWNY HZ CECO 048

COLOMBO 48/47 27 1125

LTF

UNATIONS

NEWYORK

RECEIVED

OCT 30 1973

PRS/AME/OTC

INCOMING

ACTION

TO

FILE NO.

☒ ACTION COMPLETED

INITIALS

RETURN TO
REGISTRY
ROOM 2074

1973 OCT 27 PM 10:49

352 VAN DER HEIDE INFOR BRADANOVIC PLEASE CABLE LATEST POSITION
MALDIVES MDV/72/002 ENGINES FOR GOLDEN RAY AS PROGRAMME MISSION
LEAVING FOR MALDIVES SHORTLY STOP PLEASE ALSO ADVISE WHEN
WE MAY EXPECT FEASIBILITY INTERISLAND TRANSPORT AND REPORT
ON SLIPWAY AND MARINE WORKSHOP FACILITY

SCHAAF UNDEVPRO

COL LTF 352 MDV/72/002

RECEIVED

OCT 29 1973

OTC

Mr. Bradanovic
for rec. action.
Mr. Daniels
WF 30.10.73

TE 311/1 MALDI



POUCH

Dear Mr. Priestley,

Subject: Engines for Dispensary M/V "GOLDEN RAY"

I wish to take this opportunity to thank you for the courtesies extended to me during my brief visit to Colombo.

..... In connexion with the procurement of the engines for the above-mentioned dispensary vessel, the Purchase and Transportation Section has recently received a letter together with a tender for the two marine engines for the M/V GOLDEN RAY. For your personal information attached is a copy of the said documentation.

You will note, the prices are somewhat higher than estimated in my report but I think we can remain within the budgeted amount of US\$30,000 if we reduce the recommended quantity of spare parts. I have therefore told Mr. George Folber, the Procurement Officer in the Purchase and Transportation Section that from the technical viewpoint the quantity of spare parts for two and a half years which would provide about 6250 working hours of the engines would be acceptable. This will be sufficient for the normal operation of the dispensary vessel GOLDEN RAY which could on the average travel about 22,000 miles annually.

You will also note from the tender of the R.A. Lister and Co., Ltd. that the delivery is about 24 to 26 weeks from the receipt of a firm order which is longer than originally anticipated. For your information, the Purchase and Transportation Section is processing the procurement and will communicate with you in the near future.

I take this opportunity to inform you that I am in the process of preparing the reports on the mission which I hope to dispatch to you for distribution to the government in the course of the first half of November 1973.

Mr. M. Priestley
Deputy Resident Representative
UNDP in Ceylon
P.O. Box 1505
Colombo, Ceylon

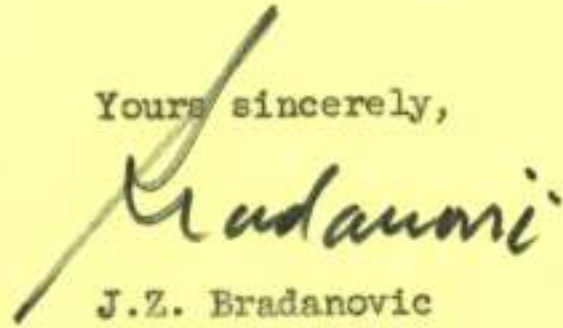
- 2 -

.....

Attached is an extra copy of this letter which you may wish to pass on for information to Dr. Aldo Bujovic to whom please extend my warm personal regards.

With kind personal regards.

Yours sincerely,

A handwritten signature in dark ink, appearing to read "J. Bradanovic", written over a diagonal line that extends from the "Yours sincerely," text.

J.Z. Bradanovic
Transport Section
Resources and Transport Division

Mr. Bradshaw

LISTER MARINE

R. A. LISTER & Co. Ltd.

DURSLEY

GLOUCESTERSHIRE

GL11 4HS

Cables: Power Dursley

Telex 43261

Telephone: Dursley (0453) 4341

United Nations,
New York 10017.

Your Ref.

Our Ref. 17/SCW/PS

Date 11th October, 1973

For the attention of Mr. George Folber - Procurement Officer - Room 2166-8

Dear Sirs,

UN Case File No. 3-20-18142

We thank you for your enquiry dated the 5th September for the supply of a handed pair of Lister marine diesel engines type JW6MGR3, complete with propellers, tailshafts, cutless rubber bearings and five year basic spares.

We thank you for the enclosures for this 75 ft. dispensary vessel, and we confirm that two JW6MGR3 engines would be suitable for this requirement. Assuming a displacement of 95 tons, it is our opinion that a speed of 10.5-11 knots will be obtained in deep water fair weather conditions with special 34" by 25.8" pitch 3 bladed propellers bored for 2 5/8" stainless steel propeller shafts.

We have superimposed on drawing SS.2353 an outline of the engine.

We attach our offer and we would advise that the prices we have quoted include for delivery FOB British Port and also will be fixed for the despatch period mentioned.

We trust that you will find this offer of interest and should you wish to receive any further information, please do not hesitate to contact us.

Yours faithfully,
p.p. R. A. LISTER & COMPANY LIMITED.

M. Wood
Marine Division

LISTER MARINE

R. A. LISTER & Co. Ltd.

DURSLEY

GLOUCESTERSHIRE

GL11 4HS

Cables: Power Dursley

Telex 43261

Telephone : Dursley (0453) 4141

United Nations,
New York 10017,

Your Ref.

Our Ref. 17/SCW/PS

Date 11th October, 1973

TENDER

One Handed Pair Of Marine Propulsion Engines
Each Engine Comprising:-

ENGINE

Lister type JW6MGR3 Marine Propulsion Diesel Engine, 6 cylinders, vertical, 4 stroke, solid injection, developing 138 bhp at 2000 rpm, generally as leaflet 100 attached.

Starting is by 24 volt electric starting equipment complete including AC5 charging alternator and start push switch but less battery. Warning light control and regulator supplied loose.

Cooling is by fresh water using heat exchanger equipment complete including engine driven fresh water and salt water pumps.

Lubrication, engine driven pump working on the wet sump system.

Standard equipment will include:- Self change MRF350 heavy duty reverse reduction gearbox, 3:1 ratio, lubricating oil cooler, lubricating oil filter, lubricating oil pressure gauge, fuel lift pump, fuel filter, single lever speed gear control with 10 ft cable, tachometer, lubricating oil pressure switch for protective warning, torsional vibration damper, sump drain pump, heat exchanger and header tank engine mounted, fresh and raw water pumps, thermostat for cooling water, water temperature thermometer, water cooled exhaust manifold, flexible stainless steel exhaust bellows, set of spanners, barring hub, instruction book and parts list.

PRICE

for a handed pair of engines as described above £7258.00

STERNGEAR

Handed pair of 34" diameter by 25.8" pitch 3 bladed right and left hand rotation manganese bronze propellers price per handed pair £550.00

Two 15ft stainless steel tailshafts 2 5/8" dia. £345.00 each

5670.00

/Cont'd.....

United Nations

11th October, 1973

Total 4 - \$110.00 = 268.30
4 cutless bearings suitable for 2⁵/₈" dia. £27.50 each
• Recommended spares for 5 years as list 658/15290 .. £2340.06 5707.5

DELIVERY

FOB British Port.

DESPATCH2¹/₂/26 weeks from receipt of a firm order giving full
and final manufacturing instructions.

p.p. R. A. LISTER & COMPANY LIMITED.

S. C. Wood
S. C. WOOD
MARINE DIVISION

Total £ 10,948.06 @ :410/US\$
= US\$ 26,702.59

RECOMMENDED SPARES FOR 12500 HRS. FOR JW6MGR ENGINES

DESCRIPTION	PART NO.	QTY	PRICE EACH	TOTAL
			£	£
Valve guide (inlet)	394-10400	12	1.86	22.32
Valve guide (exhaust)	394-10320	12	2.17	26.04
Crankshaft bearing	394-10260	7	1.02	7.14
Thrust washer	394-10290	2	0.42	.84
Camshaft bush	394-1227-	1	4.80	4.80
Fuel filter elements	351-29760	20	0.91	18.20
Oil filter elements	291-40910	15	0.95	14.25
Driving belts alternator	394-13091	8	1.02	8.18
Fuel pipe pump to injector	394-10590	6	1.56	9.36
Inlet valve	394-10360	12	1.42	17.04
Exhaust valve	394-10350	12	1.38	16.56
Con rod bearing	582-10260	6	0.78	4.68
Con rod bush	394-10060	6	0.73	4.38
Injector nozzles	394-14010	6	3.26	19.56
Piston with rings	582-10191	6	13.85	83.10
Bush rocker lever	394-10170	12	0.17	2.04
Barrels	582-40000	6	67.46	404.76
Lift Pump	394-11130	2	5.59	11.18
Water pump impellor	572-40022	2	3.74	7.48
Water pump spindle	351-43980	2	5.69	11.38
Water pump bearing	351-43940	2	1.14	2.28
Water pump bearing	351-43950	2	1.46	2.92
Water pump seal springs	291-21524	2	0.19	0.38
Water pump seal ring	291-25271	8	0.06	0.48
Water pump carbon seal	291-21502	4	0.95	3.80
Oil cooler pipe	394-40790	2	7.49	14.98
Oil cooler pipe	394-40780	2	6.39	12.76
Thermostat unit	354-44070	2	1.06	2.12
Impellor for Jabsco pump	836	12	8.60	103.20
Complete set of joints	658-15190	2	21.45	42.90
Decarbonising set of joints	657-23261	4	9.91	39.64
Spares for MRF350 Gear Box	658-15280	1	158.09	158.09
				£2340.06

UNITED NATIONS
DEVELOPMENT PROGRAMME



PROGRAMME DES NATIONS UNIES
POUR LE DEVELOPPEMENT

UNITED NATIONS
NEW YORK

INTEROFFICE MEMORANDUM

TO: Mr. Bahgat A. El Tawil
Acting Director
Office of Technical Co-operation
Department of Economic and Social Affairs

Date: 10 SEP 1973 19
301 MDV LDC
FILE NO.: 300 MDV CP

FROM: *for* Rajendra Coomaraswamy *K. K. Tawil*
Assistant Administrator and Director,
Regional Bureau for Asia and the Far East

SENDER'S TELEPHONE EXTENSION: 2617

SUBJECT: MALDIVES - LDC Proposals

We understand from Mr. Schaaf that Mr. Bradanovic of the Transport Section visited Malé recently, and that particular project proposals may result from his consultations with the Maldivian authorities.

We would be grateful to receive Mr. Bradanovic's mission report.

*cc Mr. Lastovka
Pls. advise
Sent 14/9
PL*

RECEIVED

SEP 12 1973

OTC

ENCLOSURE ATTACHED

UNITED



NATIONS

එක්සත්
இக்கிய

ජාතින්
நாடுகள்

OFFICIAL CORRESPONDENCE

8/63 MUST BE RETURNED TO
REGISTRY, ROOM 2074

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

204 Baudhaloka Mawatha
Colombo 7

Reference: PRO-300-CP-MDV

ACTION

TO: Mr. El-Tawil
1. *Handwritten signature*
2. *Handwritten signature*
3. *Handwritten signature*
AUG 31 1973
INITIALS: *Handwritten initials*

VIA POUCH

FOR CABLES: UNDEVPRO
FOR MAIL: P.O. BOX 1505
85297, 85298, 83804

23 August 1973

Mr. Bahgat A. El-Tawil
Acting Director
Office of Technical Cooperation, ESA
United Nations
New York.

TE 311/MALDI

Dear Mr. El-Tawil:

Mr. J.Z. Bradanovic - Mission to the Maldives
31 July to 6 August 1973

...

I am pleased to send you a copy of a letter recently received from Mr. Abdul Sattar, the Minister of Finance, Republic of Maldives, concerning the above Mission.

I would like to repeat my own appreciation of Mr. Bradanovic's services, which I have already conveyed to you under separate cover. We look forward very much to his final reports on the three projects investigated.

Yours sincerely

Handwritten signature

C. Hart Schaaf
Resident Representative

c.c. Mr. Romendra K. Basu, Chief
Physical Resources Projects Section
UN, New York.

MJP/dem

RECEIVED

730

SEP - 4 1973

PRO OTC AMEB

cc. Mr. Lasterka (att. Mr. Bradanovic)
for comments

(WF) y. Bouvier
5.9.73



MINISTRY OF FINANCE

Male', Republic of Maldives.

(10) 10/6/73
2

Ref.No: MF/73/66/92

August 8, 1973.
lk

Dr. C. Hart Schaaf,
Resident Representative of the U.N.D.P.,
204, Bandhaloka Mawatha,
Colombo - 7,
REPUBLIC OF SRI LANKA.

Dear Dr. Hart Schaaf,

This note is to express my sincere thanks for the work that was done so enthusiastically by Mr. J.B. Bradanovic, during his short-term mission (31st July - 6th August) in Maldives. I am sure that all those whom Mr. Bradanovic met while in Male', will agree with me that he went out of his way to ascertain for himself what was best in our interest, regarding inter-island and inter-atoll communications and other related matters. I trust that the results of his visit will be very fruitful.

I hope that you will be good enough to convey these sentiments to Mr. Bradanovic.

With kind regards,

Yours sincerely,

Abdul Sattar

cc:

1. U.N. Division,
Ministry of External Affairs, Male'.
2. Maldivian Embassy in Sri Lanka,
Colombo.

/s

UNITED



NATIONS

NEW YORK
CABLE ADDRESS: UNATIONS NEWYORK

TE 311/1 MACDIVES

ULTIMATE CONSIGNEE RES REP OF UNDP IN SRI LANKA AND MALDIVES PO BOX 1505 COLOMBO, SRI LANKA MOV/72/002			IN REPLY REFER TO: SHIPPING ADVICE (Overseas) NO. 3-20-18142 AMD1 23-4-75 (DATE)	
VENDOR R. A. LISTER AND CO.		AGENTS INSTRUCTIONS (Do not insure this shipment)		
FORWARDING AGENT		LOSS OR DAMAGE FOLLOW INSTRUCTIONS ON REVERSE SIDE		
CA IR LANKA RANI	BILL OF LADING* 296	DEPARTURE DATE and PLACE 11-12-74 Colombo	INSURANCE NO. Insurance coverage ceases upon delivery to final destination, or until expiry 15 days after discharge (or 30 days if destination is outside port limits) or 60 days in South America, or 90 days on shipments via Magdalena River, or 7 days in Philippine Islands, whichever first occurs. To cover beyond those dates, or for coverage in storage prior shipment, you must request extension from Traffic Unit, New York	
REQUISITION NO. 73-18142	PURCHASE ORDER NO. 3-20-18142 AMENDMENT 1 COMPLETE	ACCOUNT CODE NO. 4001 274 4533 MOD 3-29-6305	INVOICE - VALUE INSURED VALUE	
ATTACHMENTS			TRANSPORTATION CHARGES	
*The original Bill of Lading should not be misplaced since it is required for Custom clearance.				

TYPE CONTAINER CASES	NUMBER 5	DESCRIPTION OF CONTENTS ENGINE AND SPARE S
THIS AMENDMENT IS BRING ISSUED TO CHANGE THE STATUS OF THE SA PREPARED ON 28-2-75 FROM PARTIAL #1 to THE NOW CORRECT <u>COMPLETE</u> .		
TOTALS: PCS _____ WEIGHT _____ CUBE _____ APPROVED BY: <i>[Signature]</i> (Chief, Processing Unit)		

URGENT: Upon receipt of material, please return one signed copy to:
 UNITED NATIONS
 NEW YORK, N.Y., 10017
Attention: Processing Unit, Room 2152.

I certify that the above listed material was received in good condition

(Date)

(Signature)

IMPORTANT: In case of loss or damages, please follow instructions given on reverse side.

United Nations Headquarters, New York, insures its shipments with the Albany Insurance Company, under Open Policy #53112. The insurance covers shipments to and from New York and to and from any other place in the world. Insurance coverage and claims for loss or damage to shipments forwarded to Geneva from any place, or forwarded from Geneva to any place (other than New York) will be controlled by the Geneva Office.

The United Nations self-insures organizational property shipments valued up to \$250. Personal and Household Effects are insured in accordance with Staff Rules at values listed by owner.

Procedures to Follow in Event of Loss or Damage - Organizational

1. When goods are discharged from a carrier in an apparent damaged condition, exception should be noted prior to removing goods from the carrier's jurisdiction and a claim immediately filed against the carrier. If there is concealed loss or damage which is not noted until the goods have been opened, promptly file a claim against the carrier at that time.
2. Contact nearest agent listed below and follow agent's instructions.
3. In absence of agent contact nearest American Institute of Marine Underwriters Representative or Lloyd's of London

representative, obtain a survey report and the required particulars (including repair costs) and forward same to the Traffic Unit. The cost of survey report shall be borne by the United Nations office. This cost is reimbursable as part of the collectible claim.

4. Survey reports are not necessary when damage or loss is less than \$100, but a full statement of particulars concerning the loss or damage should be submitted to the nearest agent together with an estimate of repairs on letterhead of a recognized firm. In the event there is no agent, all documents, correspondence and claim against carrier should be airmailed to the Traffic Unit.

5. If a package is missing from a shipment, even though it exceeds \$100 in value, a survey report is not required but a claim should be filed against the carrier, a shortlanded certificate or other form of loss confirmation obtained from the carrier and all papers forwarded to the Traffic Unit. When reporting missing items from a shipment, such report should indicate if the containers showed any sign of pilferage or if it appeared that items were not included in shipment by packer.

6. Notify United Nations Headquarters, Traffic Unit, of action taken. All settlements will be made by underwriters to United Nations Headquarters, New York.

In the Event of Loss or Damage to Personal/Household Effects

7. Follow the same procedures stated in paragraph 1 and 2, and.
8. In the absence of a settling agent, contact the nearest American Institute of Marine Underwriters Representative or Lloyd's of London representative, obtain a survey report and the required particulars (including repair costs) and forward same to United Nations Headquarters, Traffic Unit.
9. Survey reports are not necessary when damage or loss is less than \$100 but a full statement of particulars concerning the loss or damage with an estimate of repair on letterhead of a recognized firm should be submitted to the nearest settling agent.
10. The cost of a survey should be borne by the claimant and this cost is reimbursable as part of the collectible claim.
11. In the absence of a settling agent or American Institute of Marine Underwriters Representative and Lloyd's of London representative, the claimant should arrange for some form of survey (if loss or damage exceeds \$100) with an accredited governmental agency which may provide the service normally assigned to a marine surveyor.

NOTE: FAILURE TO INSPECT SHIPMENT AND FILE CLAIM FOR LOSS OR DAMAGE IMMEDIATELY UPON DELIVERY MAY RESULT IN THE CLAIM BEING UNACCEPTABLE. IF ANY ORGANIZATIONAL PROPERTY SHIPMENT IS TO BE STORED WITHOUT INSPECTION AT AN INTERMEDIATE OR FINAL DESTINATION, EXTENSION INSURANCE MUST BE REQUESTED. A CABLE STATING PERIOD OF TIME OF STORAGE AND LOCATION OF SHIPMENT SHOULD BE SENT TO THE U.N. TRAFFIC UNIT, HEADQUARTERS, N.Y.

LIST OF REPRESENTATIVE FOR THE SETTLEMENT OF LOSSES AND/OR SURVEYS

ACCRA - Guardian Royal Exchange Assurance Group	DUBAI - Gray MacKenzie and Co. Ltd.	LIVERPOOL - Guardian Royal Exchange Assurance Group	PORT SUDAN - May Working People Corp.
ADELAIDE - Guardian Royal Exchange Assurance Group	DUNEDIN - Guardian Royal Exchange Assurance Group	LOBITO BAY - Hull Blyth (Angola) Ltd.	PORT VILLA - Les Comtoirs Francais
ADDIS ABABA - The Arabian Trading Co. Ltd.	DURBAN - Guardian Royal Exchange Assurance Group	LONDON, CANADA - Guardian Royal Exchange Assurance Group	PUEBLO CABELLO - Peritajes y Ajustes C.A.
ADEN - Arabian Trading Co. (Aden) Ltd.	EAST LONDON - Guardian Royal Exchange Assurance Group	LONDON, ENGLAND - Guardian Royal Exchange Assurance Group	PUEBLO RICO - Alvaro R. Calderon Inc.
ALEXANDRIA - Manley and Co.	EDMONTON - Guardian Royal Exchange Assurance Group	LOS ANGELES - Surveyors: Topile and Harding	PUSAN - Hyopung Shipping Corp.
AMMAN - Anglo-Jordanian Ins. and Transport Agency Ltd.	FREETOWN - Mining and General Services Ltd.	LOURENCO MARQUES - Rennies' Consolidate (L.M.) (Pty.) Ltd.	QUEBEC - Guardian Royal Exchange Assurance Group
AMSTERDAM - Langewelt Schroder or Blom and Van Der Aa	GDYNIA - Surveyors only: Polish Chamber of Foreign Trade Average Agents Office	LYONS, FRANCE - C. Angus	RABAT - Res. Inspector Royal Exchange Assurance
ANTWERP - Gallatly Hankey and Co. (Belgium) S.A.	GENOA - Ditta Vittorio Pino	MACAO - Firma F. Rodrigues (Suc. res) Ltda.	REUNION - Mancini and Cie
ASMARA - The Arabian Trading Co. (Red Sea) S.A.	GEORGETOWN - Da Costa and Mussen Ltd	MADRID - Guardian Assurance Co. Ltd.	RIJEKA - Edgar H. Greenham and Co. Ltd.
ATHENS - Lambert Miller Ltd.	GIBRALTAR - Smith Imossi and Co.	MAHE - Hunt Deltel and Co. Ltd.	RIO DE JANEIRO - Guardian Royal Exchange Assurance Group
AUCKLAND - Guardian Royal Exchange Assurance Group	GLASGOW - Guardian Royal Exchange Assurance Group	MALMO - Frick and Frick Ltd.	RIYADH - Aljabre Trading Co.
BAHRAIN - Guardian Assurance Co. Ltd.	GOETHEBURG - Lindahl and Collin Ltd.	MALTA - The Mercantile Shipping and Coaling Co.	ROSAIRO - S.A. Mar Com e Indus y de Rep
BALBOA - Bayne and Wardlaw	GUATEMALA - G.W.F. Franklin, O.B.E.	MANCHESTER - Guardian Royal Exchange Assurance Group	ROSEAU - Da Costa and Mussen Ltd.
BALTIMORE - Surveyors: Carman and Co.	GUAYAQUIL - Anglo-Ecuadoriana (Agencias) C. Ltda.	MANHEIM - Friedrich Hartmann Vorm J. Kerschgens	ROTTERDAM - Bicker Caarten and Obreen N.V.
BANDAR, SHAHPUR - N. Nahai Bros.	HAGUE - N.V. Assurantiebedrijf V.H.N.E. Krollier and Co.	MANILA - Union Insurance Society of Canton Ltd. or Ker and Co. Ltd.	SAIGON - Denis Freres S.A. or Blom Van der Aa
BANGKOK - Guardian Assurance Co. Ltd.	HAIFA - Ihud Insurance Agencies Ltd.	MARACAIBO - Frank B. Hill and Co. S.A.	ST. GEORGES - Hankeys Ltd.
BARRADOS - Gardiner Austin and Co. Ltd.	HALIFAX - Guardian Royal Exchange Assurance Group	MARSEILLES - E. Galvani and M. Andreani	ST. KITS - Delisle Waiwyn and Co. Ltd.
SARCELONA - Guardian Royal Exchange Assurance Group	HAMBURG - Albingia Versicherungs A.G.	MASSAWA - Gellatly Hankey and Co. (Ethiopia) S.C.	ST. LOUIS - Surveyors: General Adjustment Bureau
BASHAH - The Busreh Slipway Co., W.L.L.	HAMILTON, BERMUDA - Harnett and Richardson Ltd.	MAURITIUS - Blyth Bros and Co. Ltd.	ST. VINCENT - John H. Hazell and Sons and Co. Ltd.
BEIRA - Surveyors: Manica Trading Co. Ltd.	HAMILTON, N. ZEALAND - Guardian Royal Exchange Assurance Group	MELBOURNE - Guardian Royal Exchange Assurance Group	SALISBURY - Guardian Royal Exchange Assurance Group
BELIZE - The Belize Estate and Produce Co. Ltd.	HAVANA - Seguros Leslie Pantin and Sons S.A.	MEDAN - Surveyors: Harrison and Crofield	SANDAKAN - Harrison and Crofield
BENGHAZI - Libyamar S.p.A.	HAVRE - Yves Chegaray	MEXICO - Surveyors: Watson Phillips and Co. Sucrs. S.A.	SAN FRANCISCO - The Travelers Indemnity Co. or Deans and Homer
BEYBOUTH - F.A. Anghelopoulo S.A.L.	HELSINKI - O.V. LAIS Krogius A.B.	MILAN - Abriska, S.R.L.	SAN JUAN - Alvaro R. Calderon Inc.
BILBAO - Messrs. Soc De J. Innes	HOBART - Guardian Royal Exchange Assurance Group	MILWAUKEE - Surveyors: General Adjustment Bureau	SAN SALVADOR - F.D. Gibson and Co.
BLANTYRE - Guardian Royal Exchange Assurance Group	HONGKONG - Union Ins. Society of Canton Ltd.	MIRI - The Borneo Co. (Malaysia)	SANTIAGO - Sociedad Comercial Cominas Limitada
BLOEMFONTEIN - Guardian Royal Exchange Assurance Group	HONOLULU - Hawaiian Ins. and Guaranty Co. Ltd.	MOLLEND - Donnelly and Co. Ltd.	SANTO DOMINGO - Kettle, Sanchez and Co. C. por A.
BOGOTA - Albingia Soc. Nac. de Seguros	HOUSTON - The Travelers Indemnity Co.	MOMBASA - G.F. Nasser	SANTOS - Norton, Megaw, Hampshire and Co. Ltd.
	ILOILO - Surveyors: Smith Bell and Co. Inc.	MONROVIA - Res. Rep. - W.N. Hunt	SAO PAULO - Guardian Royal Exchange Assurance Group
	ISTANBUL - Surveyors only: Tahsin Gok Ve Ortaklari	MONTEVIDEO - Soc. Anon Financiera Y Comercial	SEATTLE - Union Ins. Society of Canton Ltd.
	INVERCARGILL - Guardian Royal Exchange Assurance Group	MONTREAL - Guardian Royal Exchange Assurance Group	SEYCHELLES - Hunt Deltel and Co. Ltd.
	JEDDAH - Surveyors only: The Arabian Establishment for Trade	NAGOYA - British Insurance Group	SIBU - The Borneo Co. (Malaysia)
	JOHANNESBURG - Guardian Royal Exchange Assurance Group	NAIROBI - Guardian Royal Exchange Assurance Group	SINGAPORE - Guardian Royal Exchange Assurance Group
	KABUL - Afghan Insurance Co. Ltd.	NAPIER - Guardian Royal Exchange Assurance Group	STOCKHOLM - Emil R. Roman A/B
	KANPUR - Guardian Royal Exchange Assurance Group	NASSAU - R.H. Curry and Co. Ltd.	SUEZ - Surveyor: El Menia Shipping Agency
	KARACHI - Guardian Royal Exchange Assurance Co. Ltd.	NDOLA - Guardian Royal Exchange Assurance Group	SUVA - Guardian Royal Exchange Assurance Group
	KEELUNG - Tait and Co. Ltd.	NEUCHATEL - Commissariat D'Averies S.A.	SYDNEY - Guardian Royal Exchange Assurance Group
	KHARTOUM - May Working People Corporation		TAIPEI - Tait and Co.
	KHORRAMSHAHR - N. Nehai Bros.		TAMATAVE - Paul and Roger Duponsel and Co.
	KINGSTON - R.S. Gamble and Son		TANGIER - A Mortarotti
	KOBE - Butterfield and Swire (Japan) Ltd. or British Insurance Group		TAWAU - Harrison and Crofield (Sabah)
	KOPER - For Survey and Payment of claims refer to: Edgar H. Greenham and Co.		TEHERAN - N. Nahai Bros.
	KOTA KINABALU - Harrison and Crofield (Sabah)		TEL AVIV - "Ihud" Insurance Agencies Ltd.
	KUALA BELAIT - The Borneo Co. (Malaysia)		TENERIFFE - Hamilton and Co.
	KUALA LUMPUR - Guardian Royal Exchange Assurance Group		TOKYO - Butterfield and Swire (Japan) Ltd. or British Ins Group
	KUCHING - The Borneo Co. (Malaysia)		TORONTO - Guardian Royal Exchange Assurance Group
	KUWAIT - Abdulrahman Albisher and Zaid Alkazemi		TRIESTE - Edgar H. Greenham and Co.
	LABUAN - Harrison and Crofield		TRIPOLI - Libyamar S.p.A.
	LAGOS - Royal Exchange Assurance (Nigeria) Ltd.		VALENCIA - Guardian Assurance Co. Ltd.
	LA GUAIRA - Alexander Fox		VALLETTA - The Mercantile Shipping and Coaling Co.
	LAUNCESTON - Guardian Royal Exchange Assurance Group		VALPARAISO - Sociedad Comercial Cominas Ltda.
	LIMA - H.M. Beausire and Co. S.A.		VANCOUVER - Guardian Royal Exchange Assurance Group
	LISBON - Royal Exchange Assurance or Empor-Empreendimento		VICTORIA - Guardian Royal Exchange Assurance Group
			WELLINGTON - Guardian Royal Exchange Assurance Group
DAMMAN - Aljabre Trading Co.			WINNIPEG - Guardian Royal Exchange Assurance Group
DANZIG - Surveyors: Polish Chamber of Foreign Trade			YOKOHAMA - Butterfield and Swire (Japan) Ltd. or British Insurance Group
DAR ES SALAAM - The State Trading Corporation			ZANZIBAR - Zanzibar Wharfage and Co. Ltd.
DAVAO - Surveyors: Ker and Co. Ltd.			
DES MOINES - Surveyors: General Adjustment Bureau			
DJAKARTA - Union Insurance Society of Canton Ltd.			

Any loss or claim under this certificate shall be paid at the current rate of exchange.

UNITED



NATIONS

NEW YORK

CABLE ADDRESS - UNATIONS NEWYORK

FE 311/1 MALDIVES

ULTIMATE CONSIGNEE RES REP OF UNDP IN SRI LANKA AND MALDIVES PO BOX 1505 COLOMBO, SRI LANKA				IN REPLY REFER TO: SHIPPING ADVICE (Overseas) NO. 3-20-18142/1 28-2-75 (DATE)	
VENDOR R.A. LISTER AND CO.		AGENTS INSTRUCTIONS (Do not insure this shipment)			
FORWARDING AGENT					
CARRIER LANKA RANI		BILL OF LADING* 296		DEPARTURE DATE and PLACE 11-12-74 Liverpool	
REQUISITION NO. 73-18142		PURCHASE ORDER NO. 3-20-18142 PARTIAL 1		ACCOUNT CODE NO. 4001 274 4533 MOD 3-29-6305	
ATTACHMENTS ORIG. BL SENT TO THE FIELD.		LOSS OR DAMAGE FOLLOW INSTRUCTIONS ON REVERSE SIDE INSURANCE NO. 2/90 INVOICE - VALUE £9584.82 INSURED VALUE US\$22,713.00 TRANSPORTATION CHARGES			
*The original Bill of Lading should not be misplaced since it is required for Custom clearance.					
CONTAINER NUMBER CASES 5		DESCRIPTION OF CONTENTS ENGINE AND SPARES ITEMS WERE SHIPPED AS PER INVOICES MB4/C0956 and MB4/C0957			
ORIG. BL WITH P&T SEC. FILES. GF/bill		TOTALS: PCS 5 WEIGHT 2.26KGS CUBE APPROVED BY: [Signature] (Chief, Processing Unit)			
URGENT: Upon receipt of material, please return one signed copy to: UNITED NATIONS NEW YORK, N.Y., 10017 Attention: Processing Unit, Room 2152.		I certify that the above listed material was received in good condition (Date) (Signature)			

IMPORTANT: In case of loss or damages, please follow instructions given on reverse side.

United Nations Headquarters, New York, insures its shipments with the Albany Insurance Company, under Open Policy #63112. The insurance covers shipments to and from New York and to and from any other place in the world. Insurance coverage and claims for loss or damage to shipments forwarded to Geneva from any place, or forwarded from Geneva to any place (other than New York) will be controlled by the Geneva Office.

The United Nations self-insures organizational property shipments valued up to \$250. Personal and Household Effects are insured in accordance with Staff Rules at values listed by owner.

Procedures to Follow in Event of Loss or Damage - Organizational

1. When goods are discharged from a carrier in an apparent damaged condition, exception should be noted prior to removing goods from the carrier's jurisdiction and a claim immediately filed against the carrier. If there is concealed loss or damage which is not noted until the goods have been opened, promptly file a claim against the carrier at that time.
2. Contact nearest agent listed below and follow agent's instructions.
3. In absence of agent contact nearest American Institute of Marine Underwriters Representative or Lloyd's of London

NOTE:

FAILURE TO INSPECT SHIPMENT AND FILE CLAIM FOR LOSS OR DAMAGE IMMEDIATELY UPON DELIVERY MAY RESULT IN THE CLAIM BEING UNACCEPTABLE. IF ANY ORGANIZATIONAL PROPERTY SHIPMENT IS TO BE STORED WITHOUT INSPECTION AT AN INTERMEDIATE OR FINAL DESTINATION, EXTENSION INSURANCE MUST BE REQUESTED.

A CABLE STATING PERIOD OF TIME OF STORAGE AND LOCATION OF SHIPMENT SHOULD BE SENT TO THE U.N. TRAFFIC UNIT, HEADQUARTERS, N.Y.

representative, obtain a survey report and the required particulars (including repair costs) and forward same to the Traffic Unit. The cost of survey report shall be borne by the United Nations office. This cost is reimbursable as part of the collectible claim.

4. Survey reports are not necessary when damage or loss is less than \$100, but a full statement of particulars concerning the loss or damage should be submitted to the nearest agent together with an estimate of repairs on letterhead of a recognized firm. In the event there is no agent, all documents, correspondence and claim against carrier should be airmailed to the Traffic Unit.

5. If a package is missing from a shipment, even though it exceeds \$100 in value, a survey report is not required but a claim should be filed against the carrier, a shortlanded certificate or other form of loss confirmation obtained from the carrier and all papers forwarded to the Traffic Unit. When reporting missing items from a shipment, such report should indicate if the containers showed any sign of pilferage or if it appeared that items were not included in shipment by packer.

6. Notify United Nations Headquarters, Traffic Unit, of action taken. All settlements will be made by underwriters to United Nations Headquarters, New York.

In the Event of Loss or Damage to Personal/Household Effects

7. Follow the same procedures stated in paragraph 1 and 2, and,
8. In the absence of a settling agent, contact the nearest American Institute of Marine Underwriters Representative or Lloyd's of London representative, obtain a survey report and the required particulars (including repair costs) and forward same to United Nations Headquarters, Traffic Unit.
9. Survey reports are not necessary when damage or loss is less than \$100 but a full statement of particulars concerning the loss or damage with an estimate of repair on letterhead of a recognized firm should be submitted to the nearest settling agent.
10. The cost of a survey should be borne by the claimant and this cost is reimbursable as part of the collectible claim.
11. In the absence of a settling agent or American Institute of Marine Underwriters Representative and Lloyd's of London representative, the claimant should arrange for some form of survey (if loss or damage exceeds \$100) with an accredited governmental agency which may provide the service normally assigned to a marine surveyor.

LIST OF REPRESENTATIVE FOR THE SETTLEMENT OF LOSSES AND/OR SURVEYS

ACCRA - Guardian Royal Exchange Assurance Group
ADELAIDE - Guardian Royal Exchange Assurance Group
ADDIS ABABA - The Arabian Trading Co. Ltd.
ADEN - Arabian Trading Co. (Aden) Ltd.
ALEXANDRIA - Manley and Co.
ALKHOBAR - Aljibre Trading Co.
AMMAN - Anglo-Jordanian Ins. and Transport Agency Ltd.
AMSTERDAM - Langeveldt Schroder or Blom and Van Der Aa
ANTWERP - Gallatly Hankey and Co. (Belgium) S.A.
ASMARA - The Arabian Trading Co. (Red Sea) S.A.
ATHENS - Lambert Miller Ltd.
AUCKLAND - Guardian Royal Exchange Assurance Group
BAHRAIN - Guardian Assurance Co. Ltd.
BALBOA - Bayne and Wardlaw
BALTIMORE - Surveyors: Carman and Co.
BANDAR, SHAHPUR - N. Nahai Bros.
BANGKOK - Guardian Assurance Co. Ltd.
BARBADOS - Gardiner Austin and Co. Ltd.
BARCELONA - Guardian Royal Exchange Assurance Group
BASRAH - The Buzeh Slipway Co., W.L.L.
BEIRA - Surveyors: Manica Trading Co. Ltd.
BELIZE - The Belize Estate and Produce Co. Ltd.
BENGHAZI - Libyamar S.p.A.
BEYROUTH - Ets. Angelopoulos S.A.L.
BILBAO - Messrs. Suc De J. Innes
BLANTYRE - Guardian Royal Exchange Assurance Group
BLOEMFONTEIN - Guardian Royal Exchange Assurance Group
BOGOTA - Albingia Soc. Nac. de Seguros

BORDEAUX - Henri Rey and Fils
BOSTON - Surveyors: R.S. Gale
BREMEN - Lampe and Schierenbeck
BRIDGETOWN - Gardiner Austin and Co. Ltd.
BRISBANE - Guardian Royal Exchange Assurance Group
BRUNEI - Harrisons and Crofield (Sabah)
BUENOS AIRES - Guardian Assurance Co. Ltd.
BULAWAYO - Guardian Royal Exchange Assurance Group

CALGARY - Guardian Royal Exchange Assurance Group
CAPETOWN - Guardian Royal Exchange Assurance Group
CARACAS - Britanica de Seguros C.A.
CEUB - Surveyors: Smith, Bell and Co. Inc.

CHRISTCHURCH - Guardian Royal Exchange Assurance Group
CINCINNATI - Surveyors: General Adjustment Bureau
COCHIN - Caledonian Insurance Co.
COLOMBO - Delmege Forsyth and Co. Ltd.
COLUMBUS - Surveyors: General Adjustment Bureau
COPENHAGEN - Firma Aug. Boegen
CURACAO - Maduro and Curie's Bank N.V.

DUBAI - Gray MacKenzie and Co. Ltd.
DUNEDIN - Guardian Royal Exchange Assurance Group
DURBAN - Guardian Royal Exchange Assurance Group
EAST LONDON - Guardian Royal Exchange Assurance Group
EDMONTON - Guardian Royal Exchange Assurance Group
FREETOWN - Mining and General Services Ltd.
GDYNIA - Surveyors only: Polish Chamber of Foreign Trade Average Agents Office
GENOA - Ditta Vittorio Pino
GEORGETOWN - Da Costa and Mussen Ltd.
GIBRALTAR - Smith Inosai and Co.
GLASGOW - Guardian Royal Exchange Assurance Group
GOTHENBURG - Lindahl and Collin Ltd.
GUENADA - Hankeys Ltd.
GUATEMALA - G.W.F. Franklin, O.B.E.
GUAYAQUIL - Anglo-Ecuadoriana (Agencias) C. Ltda.
HAGUE - N.V. Assuratiebedrijf V.H.N.E. Krollier and Co.
HAIFA - Inud Insurance Agencies Ltd.
HALIFAX - Guardian Royal Exchange Assurance Group
HAMBURG - Albingia Versicherungs A.G.
HAMILTON, BERMUDA - Harnett and Richardson Ltd.
HAMILTON, N. ZEALAND - Guardian Royal Exchange Assurance Group
HAVANA - Seguros Leslie Pantin and Sons S.A.
HAVRE - Yves Chegaray
HELSINKI - O.Y. LARS Krogus A.B.
HOBART - Guardian Royal Exchange Assurance Group
HONGKONG - Union Ins. Society of Canton Ltd.
HONOLULU - Hawaiian Ins. and Guaranty Co. Ltd.
HOUSTON - The Travelers Indemnity Co.
ILOILO - Surveyors: Smith Bell and Co. Inc.
ISTANBUL - Surveyors only: Tahsin Gok Ve Ortaklari

INVERCARGILL - Guardian Royal Exchange Assurance Group
JEDDAH - Surveyors only: The Arabian Establishment for Trade
JOHANNESBURG - Guardian Royal Exchange Assurance Group
KABUL - Afghan Insurance Co. Ltd.
KANPUR - Guardian Royal Exchange Assurance Group
KARACHI - Guardian Royal Exchange Assurance Co. Ltd.
KEELUNG - Tait and Co. Ltd.
KHARTOUM - May Working People Corporation
KHORRAMSHAHR - N. Nahai Bros.
KINGSTON - R.S. Gamble and Son
KOBE - Butterfield and Swire (Japan) Ltd. or British Insurance Group
KOPER - For Survey and Payment of claims refer to: Edgar H. Greenham and Co.
KOTA KINABALU - Harrisons and Crofield (Sabah)
KUALA BELAIT - The Borneo Co. (Malaysia)
KUALA LUMPUR - Guardian Royal Exchange Assurance Group
KUCHING - The Borneo Co. (Malaysia)
KUWAIT - Abdulrahman Albisher and Zaid Alkassabi
LABUAN - Harrisons and Crofield
LAGOS - Royal Exchange Assurance (Nigeria) Ltd.
LA GUAYRA - Alexander Fox
LAUNCESTON - Guardian Royal Exchange Assurance Group
LIMA - H.M. Beausire and Co. S.A.
LISBON - Royal Exchange Assurance or Empor-Empreendimentos

LIVERPOOL - Guardian Royal Exchange Assurance Group
LOBITO BAY - Hull Blyth (Angola) Ltd.
LONDON, CANADA - Guardian Royal Exchange Assurance Group
LONDON, ENGLAND - Guardian Royal Exchange Assurance Group
LOS ANGELES - Surveyors: Toplis and Harding
LOURENCO MARQUES - Rennie's Consolidate (L.M.) (Pty.) Ltd.
LYONS, FRANCE - C. Angus
MACAO - Firma F. Rodrigues (Suc. res) Ltda.,
MADRID - Guardian Assurance Co. Ltd.
MAHE - Hunt Dettel and Co. Ltd.
MALMO - Frick and Frick Ltd.
MALTA - The Mercantile Shipping and Coaling Co.
MANCHESTER - Guardian Royal Exchange Assurance Group
MANHEIM - Friedrich Hartmann Vorm J. Kerschgens
MANILA - Union Insurance Society of Canton Ltd. or Ker and Co. Ltd.
MARACAIBO - Frank B. Hill and Co. S.A.
MARSEILLES - E. Galgani and M. Andreani
MASSAWA - Gallatly Hankey and Co. (Ethiopia) S.C.
MAURITIUS - Blyth Bros and Co. Ltd.
MELBOURNE - Guardian Royal Exchange Assurance Group
MEDAN - Surveyors: Harrison and Crofield
MEXICO - Surveyors: Watson Phillips and Co. Sucrs. S.A.
MILAN - Allriaka, S.R.L.
MILWAUKEE - Surveyors: General Adjustment Bureau
MIRI - The Borneo Co. (Malaysia)
MOLLEND - Donnelly and Co. Ltd.
MOMBASA - G.F. Nasser
MONROVIA - Res. Rep. - W.N. Hunt
MONTEVIDEO - Soc. Anon Financiere Y Comercial
MONTREAL - Guardian Royal Exchange Assurance Group
NAGOYA - British Insurance Group
NAIROBI - Guardian Royal Exchange Assurance Group
NAPIER - Guardian Royal Exchange Assurance Group
NASSAU - R.H. Curry and Co. Ltd.
NIDOLA - Guardian Royal Exchange Assurance Group
NEUCHÂTE - Commissariat D'Averies S.A.

NEW PLYMOUTH - Guardian Royal Exchange Assurance Group
NEW YORK - W.J. Roberts and Co. Inc.
NICOSIA - Res. Inspector
GUARDIAN ROYAL EXCHANGE ASSURANCE GROUP
NOUMEA - Les Etablissements Bolland S.A.
OKINAWA - The Underwriters Adjustment Co. Inc.
OPORTO - Royal Exchange Assurance
OSAKA - British Insurance Group
OSLO - Insair A/S
OTTAWA - Guardian Royal Exchange Assurance Group
PAPEETE - Jean Hamon
PARIS - Noel Chegaray or Groupe de Paris
PEKING - People's Ins. Co. of China
PENANG - Sandilands, Buttery and Co. Ltd.
PERTH - Guardian Royal Exchange Assurance Group
PIRAEUS - Lambert Miller Ltd.
PORTLAND - Deans and Homer
PORT LOUIS - Blyth Brothers and Co. Ltd.
PORT OF SPAIN - Alstons Ltd.
PORT SAID - El Menia Shipping Agency

PORT SUDAN - May Working People Corp.
PORT VILLA - Les Comtoirs Francais
PUERTO CABELLO - Peritajes y Ajustes C.A.
PUERTO RICO - Alvaro R. Calderon Inc.
PUSAN - Hyosung Shipping Corp.
QUEBEC - Guardian Royal Exchange Assurance Group
RABAU - Res. Inspector
ROYAL EXCHANGE ASSURANCE
REUNION - Mancini and Cie
RIJEKA - Edgar H. Greenham and Co. Ltd.
RIO DE JANEIRO - Guardian Royal Exchange Assurance Group
RIYADH - Aljibre Trading Co.
ROSAIRO - S.A. Mar Com e Indus y de Rep
ROSEAU - Da Costa and Mussen Ltd.
ROTTERDAM - Bicker Caarten and Obeven N.V.
SAIGON - Denis Freres S.A. or Blom Van der Aa
ST. GEORGES - Hankeys Ltd.
ST. KITTs - Delisle Walwyn and Co. Ltd.
ST. LOUIS - Surveyors: General Adjustment Bureau
ST. VINCENT - John H. Hazell and Sons and Co. Ltd.
SALISBURY - Guardian Royal Exchange Assurance Group
SANDAKAN - Harrisons and Crofield
SAN FRANCISCO - The Travelers Indemnity Co. or Deans and Homer
SAN JUAN - Alvaro R. Calderon Inc.
SAN SALVADOR - F.D. Gibson and Co.
SANTIAGO - Sociedad Comercial Cominsa Limitada
SANTO DOMINGO - Kettle, Sanchez and Co. C. por A.
SANTOS - Norton, Megaw, Hampshire and Co. Ltd.
SAO PAULO - Guardian Royal Exchange Assurance Group
SEATTLE - Union Ins. Society of Canton Ltd.
SEYCHELLES - Hunt Dettel and Co. Ltd.
SIBU - The Borneo Co. (Malaysia)
SINGAPORE - Guardian Royal Exchange Assurance Group
STOCKHOLM - Emil B. Roman A/B
SUEZ - Surveyor: El Menia Shipping Agency
SUVA - Guardian Royal Exchange Assurance Group
SYDNEY - Guardian Royal Exchange Assurance Group
TAIPEI - Tait and Co.
TAMATAVE - Paul and Roger Duponsel and Co.
TANGIER - A Mostarotti
TAWAU - Harrisons and Crofield (Sabah)
TEHERAN - N. Nahai Bros.
TEL AVIV - "Thud" Insurance Agencies Ltd.
TENERIFFE - Hamilton and Co.
TOKYO - Butterfield and Swire (Japan) Ltd. or British Ins Group
TORONTO - Guardian Royal Exchange Assurance Group
TRIESTE - Edgar H. Greenham and Co.
TRIPOLI - Libyamar S.p.A.
VALENCIA - Guardian Assurance Co. Ltd.
VALLETTA - The Mercantile Shipping and Coaling Co.
VALPARAISO - Sociedad Comercial Cominsa Ltda.
VANCOUVER - Guardian Royal Exchange Assurance Group
VICTORIA - Guardian Royal Exchange Assurance Group
WELLINGTON - Guardian Royal Exchange Assurance Group
WINNIPEG - Guardian Royal Exchange Assurance Group
YOKOHAMA - Butterfield and Swire (Japan) Ltd. or British Insurance Group
ZANZIBAR - Zanzibar Wharfage and Co. Ltd.

Any loss or claim under this certificate shall be paid at the current rate of exchange.

UNITED NATIONS
SPECIAL FUND PROJECT

Requisition For Equipment/Supplies/Publications
or Contractual Service

Page 1 of 1

Requisition No.

Headquarters Purchase ☒

Date: 16 August 1973

FOR USE BY U.N. HEADQUARTERS

Req. No. 73-18142

Case No.

Account No. 4001-274-3

EC 132/226/1 TE 311/1 MALDI

Local Purchase ☐ Info. Only

MDV/72/002: TRANSPORT EQUIPMENT OF OCEAN GOING VESSELS

Title of Project

Mr. M. Priestley, Resident Representative a.i.

Project Manager or His Designate

Cleared: Mr. Z. Lastovka
Substantive Office

Approved: Miss O. Leblanc Mr. Y. Bouianov

OSFO/ESA

Certified: Mr. M. Doerner

ASTAO

ITEM	QUANTITY	UNIT	DESCRIPTION, SPECIFICATIONS, CATALOG NO., REFERENCE TO PLAN OP. COMPONENT	Est. Cost In U.S. Dollars
			Standard Equipment only - no optional extras from the Lister Marine Line	
			as follows:	
1	2	only	Lister Marine Diesel Enginer JW6MGR3 - 138 BHP at 2000 RPM with 3:1 reduction gear	
2	2	"	Bronze propellers Dia. 34"	
	2	"	Propeller shafts Dia. 2 5/8" x 15' length (preferable stainless steel)	
4	1	"	Engine should have opposite direction of rotation that is to say if one is clockwise the other is required to be anti-clockwise	
5	4	"	Cultess Bearing to suit 2 5/8" diameter shaft	
6			Five year basic spare for two engines as recommended by manufacturers	
7			Sub-contract for engine installation at Walker Sons & Co. Ltd., shipyard in Colombo, Sri Lanka	
8			Supervision service of a qualified marine engineer	
			Estimated total \$ 21,350	
			Plans of M.V. "Golden Ray" are attached for forwarding to the suppliers.	

SPECIAL INSTRUCTIONS:

It is necessary to refer to attached memo. of 9 August 1973 from Mr. J. Bradanovic to Mr. Basu for more details

Ship Via Surface To: Resident Representative Of U.N. Development Programmes.

Air
FOR: Mr. M. Priestley
Resident Representative a.i.
UNDP in Sri Lanka and Maldives
P.O. Box 1505, Colombo
Sri Lanka.

TARGET DATE:

UNITED

එක්සත්

இக்கிய



NATIONS

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நாடுகள்

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

PRO-300-CP-MDV

204 Baudhaloka Mawatha

Colombo 7

Reference :

POOCH

Mr. A. Garcia
Officer-in-Charge
Regional Bureau for Asia and the Far East
United Nations Development Programme
NEW YORK

Dear Mr. Garcia,

Maldives - LDC Programme

Please refer to your cable DP 99 of 5 June 1973 and previous correspondence on the above subject.

I am writing now to give you advance notice of another possible request from Maldives which was discussed during the recent visit to Male of Mr. J. Bradanovic, UN/OTC Economic Affairs Officer (Water Transport). This relates to the establishment of a slipway and marine workshop facility, now actively under consideration by the Government.

.....
You will see from the attached copy of Mr. Bradanovic's mission report that a technical assistance project might possibly fall into two phases - the first covering site investigation and engineering design at a cost of about \$40,000, and the second the provision of experts consultants and fellowships at an approximate cost of \$75,000. We will forward Mr. Bradanovic's detailed report to the Government as soon as it is received and keep you advised of progress. The idea is an attractive one which would tie in very nicely with the proposed vocational training centre and the CP project for the mechanization of the fishing fleet.

...P2

RECEIVED

AUG 23 1973

ADD OTC AMEB

minakugurpu 20/

shrestha sent 2/8
Basu Bhomshon
23/8

11 August 1973
FOR CABLES: UNDEVPRO
MAIL: P. O. BOX 1505
TEL: 85287, 85288, 85284

TE 311/MALDI
cc minakugurpu sent 2/8



- 2 -

You will see from the first half of Mr. Bradanovic's attached mission report that he will be personally preparing the pre-investment study on inter-island and inter-atoll transport. We understand from him that he obtained all the (very limited) available data during his recent visit and that the full report will be available in November. He will be recommending the purchase of a fast inter-island cargo/passenger vessel for the establishment of a regular scheduled service from Male to the larger outer atolls. It would be owned and operated on a commercial basis by the Maldivian National Trading Corporation which already successfully operates a fleet of 42 ocean going vessels throughout South East Asia and the Indian Ocean region. The proposal was discussed in principle with the Minister of Finance and the General Manager of the National Trading Corporation, who both appeared receptive.

We will, of course, have to await the Government's reaction to the full study report but at present it seems likely that no further feasibility studies will be required, and that the \$100,000 allocated under the LDC provisions can be eventually cancelled apart from a nominal sum to cover Mr. Bradanovic's per diem in Maldives and Sri Lanka., (his travel costs being met from another project.)

I will be seeking other proposals for LDC projects during my visit to Male currently planned for 20 August.

Yours sincerely,

C. Hart Schaaf
Resident Representative

cc. Mr. Romendra K. Basu
Chief, Physical Resources Projects' Section
Asia and Middle East Branch, OTC.

Mr. B. El-Tawil
Acting Director
Office of Technical Co-operation
Department of Economic and Social Affairs

MJP/nw



Mr. Romendra K. Basu
Chief, Physical Resources Projects' Section
Asia and Middle East Branch, OTC.

10 August 1973

TE 311/1

Mr. Z. Lastovka, Chief Transport Section
Resources and Transport Division

J.Z. Bradanovic, Transport Section

Bradmanovic

MISSION TO MALDIVE ISLANDS

1. In accordance with broad terms of reference which covered my mission to Maldives Islands, the following projects in the field of transportation were identified:
 - (a) Pre-Investment Study Report for the regular inter-atoll cargo/passenger service in the Republic of Maldives.
 - (b) Report on the requirements of Slipway and Marine workshop facility in Maldives Islands.
2. I will personally prepare both reports upon return to headquarters.
3. The Pre-Investment Study Report mentioned under (a) above will cover the following chapters:
 - 3.1 Introduction.
 - 3.2 Background
 - 3.3 Geography and Maritime Transport
 - 3.4 Technical Considerations
 - 3.5 Economic Considerations
 - 3.6 Operational and Managerial aspects
 - 3.7 Financial aspects
 - 3.8 Observations and Recommendations
 - 3.9 Necessary number of ANNEXES.

It will be the responsibility of the Government to make necessary arrangements for financing the acquisition of vessel and its subsequent operations.
4. The Report on the Requirements of the Slipway and Marine workshop facility in Maldives Islands will be briefly outlined and an estimate of the essential equipment requirements will be made. The Plans and all available data will be furnished. The Terms of Reference for subcontractors, site investigation and final engineering design will also be prepared. This will enable the Government to subcontract study and construction of future facility.

5. The United Nations may be required to:

- (a) Finance through subcontract arrangements the site investigations and final engineering design presently estimated to cost not more than US \$40,000. The Government has not firmly indicated that it will request UN assistance for this work. It will make a final decision upon receiving my report.
- (b) It is very likely that the Government will request UN Technical assistance once this facility is constructed. In this connection it was tentatively identified that the following experts, would advise and train personnel in Slipway and marine workshop operations,

- Marine Engineer and Workshop Foreman
12 man/months
- Slipway Superintendent - 6 man/months
- Associate Expert Marine Eng. and Workshop Foreman
24 Man months
- Associate Expert - Slipway Superintendent
24 man/months
- Fellowships
- Various Consultants - 6 man/months

6. Total budget requirements for the above technical assistance will be approximately US \$ 78,000. My report will be elaborate this subject in greater detail.

UNITED

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OFFICE OF TECHNICAL CO-OPERATION
Human Resources Section
Asia and Mid-East Branch

16 AUG 1973

OFFICIAL CORRESPONDENCE
MUST BE RETURNED TO
REGISTRY, ROOM 2074

OFFICE OF THE RESIDENT REPRESENTATIVE OF
THE UNITED NATIONS DEVELOPMENT PROGRAMME
IN THE REPUBLICS OF SRI LANKA (CEYLON) AND MALDIVES

204 Baudhaloka Mawatha

Colombo

Reference: MDV/72/002/A/01/01

Pouch

Mr. B. A. El-Tawil

Acting Director

Office of Technical Co-operation

Department of Economic and Social Affairs

United Nations

NEW YORK

15/8 Mr. El-Tawil
Mr. Basu
AUG 15 1973
☒ Action Completed
☐ - Acknowledged
☐ - No Action Required
INITIALS: [Signature]

FOR CABLES UNDEVPRO
ADDRESS: P.O. BOX 1505
TELEPHONE: 888, 88804
Human Resources Section
Asia and Mid-East Branch

17 AUG 1973

TE 311/1 MALDI

RECEIVED
609

AUG 16 1973

Dear Mr. El-Tawil,

Maldives - Transport Equipment for
Ocean Going Vessel MDV/72/002

Further to Mr. Priestley's letter of 8 June 1973, I have pleasure in enclosing one copy of a report on the above project from Mr. J. Bradanovic, who has recently returned from a visit to Maldives.

We are very pleased with Mr. Bradanovic's findings and hope that early action can be taken to purchase the recommended engines, so that this excellent inter-atoll vessel can be recommissioned. In this connection I have no hesitation in strongly supporting Mr. Bradanovic's recommendation that the usual tender procedures be waived. Similarly, we approve his choice of Walker Sons and Co. Ltd. of Colombo as the agents for the installation of the engines. They are highly regarded local firm, and probably the only one in Sri Lanka capable of carrying out this work efficiently and expeditiously. Thus once again, the normal tender procedures should be waived.

I would like to take this opportunity of expressing our appreciation of Mr. Bradanovic's services. His recommendations with respect to the replacement engines, the feasibility transport study and the proposed Slipway and Marine workshop facility are all very much in line with Maldivian needs and priorities, and his visit has been invaluable in getting all three projects firmed up.

Yours sincerely,

[Signature]

C. Hart Schaaf

Resident Representative

cc. Mr. R. Basu Chief,
Special Projects' Section, OTC
Mr. A. Garcia, Officer-in-Charge
Regional Bureau for Asia and Far East
Mr. J. Bradanovic

NJP/nw

Mr. Ramendra K. Basu,
Chief Physical Resources Project's Section,
Asia and Middle East Branch OTC.
Mr. Zoenek Lastovka, Chief Transport Section,
Resources and Transport Division.

9 August 1973

TE.311/1
MALDIVES

J.Z. Bradanovic, Transport Section.

Bradavoni

MALDIVE ISLANDS 72/002 ENGINES FOR DISPENSARY M/V "GOLDEN RAY"

1. Within the Terms of Reference governing my mission to Maldives Islands the implementation of the above mentioned project was the first Government as well as UNDP priority. Accordingly I have thoroughly discussed the problem not only with the Government agencies concerned but also with UNDP as well as United Nations specialised agencies which will be frequent users of the above mentioned motor vessel for the execution of their project throughout the archipelago of the Republic of Maldives. I have personally inspected m/v "Golden Ray" and discussed technical problems with marine engineers and in the paragraphs which follow will make additional comments and recommendations for speedy execution of this, essentially, procurement project.
2. You will recall that the above mentioned document, following transport section comments and subsequent discussion, received OTC's favourable consideration. It was my duty, among others, to make certain technical investigation and submit to OTC final recommendations upon completion of the mission to Maldives Islands.
3. The m/v "Golden Ray" is a dispensary vessel which was given as a present by the Government of the United Kingdom to the Government of the Republic of Maldives. For several years it was used for the inter-atoll travel of medical teams for various health projects including those of WHO. For the last two years the vessel is out of operation due to breakdown of propulsion machinery. The engines which were originally installed are out of the production line and replacement and spare parts are not obtainable. The vessel's hull is in excellent condition but needs dry-docking. It has permanent crew of ten including the master and an engineer furnished by the Government.
4. In discussions which I had with the Ministers of Finance and Health it is the Government's intention to reserve the use of the vessel for all UNDP sponsored projects throughout Maldives archipelago. It is understood, however, that World Health Organization (WHO) and Government sponsored health projects will have priority over other UNDP project missions. The Regional Resident Representative in Sri Lanka may, if deemed necessary, obtain formal government commitment to this effect.

5. Due to lack of technical facilities in the Maldivian Islands to effect the installation of new engines for which a slipping of the vessel is required, the work will have to be carried out in Colombo, Sri Lanka, where suitable facilities are available at Messrs Walker Sons & Co.Ltd. The Government will assume responsibility to deliver the m/v "Golden Ray" to Messrs Walker, Sons & Co.Ltd. shipyard facility in Colombo. The vessel will be towed at Government risk and expense, if any, by a vessel of the Maldivian Shipping Lines. Upon installation of the engines, which should be at United Nations expense, the m/v "Golden Ray" will return to Male, on her own power at Government risk and expense.
6. The replacement of existing engines has to be made in such a way that new engines meet basic technical parameters (that is to say horse power rating, number of cylinders, RPM, diameter of propeller, the length and diameter of propeller shaft etc.) of the original vessel and engines design. In this connection the following attachments to this memorandum will, along with supplementary information furnished on the Lister Marine leaflet demonstrate the close similarity of technical parameters.
- (a) ANNEX No.1 - Existing Engine on m/v "Golden Ray"
 - (b) ANNEX No.2 - Proposed Engine for m/v "Golden Ray"
 - (c) ANNEX No.3 - M/v "Golden Ray" Engine Bed (Engine Seating)
 - (d) ANNEX No.4 - Leaflet of Lister Marine Diesel Propulsion Engines.
7. In view of the aforesaid it is recommended that the procurement of the two engines for m.v. "Golden Ray" be made from the Lister Marine Line as follows:
- 7.1. Two Lister Marine Diesel Engines JW6MCR3 - 138 BHP at 2000 RPM with 3:1 reduction gear.
 - 7.2. Two bronze propellers Dia. 34"
 - 7.3. Two Propeller Shafts Dia. 2 5/8" x 15' length, preferable stainless steel.
 - 7.4. Each engine should have opposite direction of rotation that is to say if one is clockwise the other is required to be anti-clockwise.
 - 7.5. Four Cutless Bearing to suit 2 5/8" diameter shaft.
 - 7.6. Standard equipment only - No optional extras.
 - 7.7. Five year basic spare for two engines as recommended by manufacturers.

.....3

8. According to the export price list of April 1973 exhibited in Annex No. 4 the estimated total cost for the procurement of above mentioned engines may be expected to be as follows:

8.1. Two Engines JW6MGR3 at £3181 each at US\$ 2.50 about	US\$ 16,000
8.2. Two Bronze Propellers estimated each US\$ 500	US\$ 1,000
8.3. Two Propeller Shaft (Stainless Steel desirable) Estimated each \$ 350.	US\$ 700
8.4. Four Cutless Bearings, estimated each \$ 50	US\$ 200
8.5. Five years basic spare parts \$ 600 estimated each engine.	US\$ 1,200
Estimated FOB British Port	US\$ 19,100
Estimated 10% Ocean Freight and Insurance	US\$ 1,900
Estimated Total	US\$ 21,000

The purchase authorisation to cover the above estimated amount has to be prepared by PMO, sent to P and T along with the copy of this report and attachments.

9. The estimated cost of vessels dry-docking (slipping) for the purpose of the installation of two engines, propeller shafts and propellers and making necessary adjustment in engine bed (engine seating) is expected to be US\$ 2,000. This cost is based on estimated 5 working days use of slipping facility at approximately US\$ 50 per day. Labour and materials required for the installation of engines, propeller shafts and propellers including scraping and painting of vessels bottom is expected to cost about US\$ 1,750.

10. The service for the supervision of the engine installation by a qualified Marine Engineer of an internationally recognised classification society is expected to cost US\$ 50 per day namely, total US\$ 250.

11. Total cost involved for the account of the United Nations may thus be recapitulated as follows:

(a) procurement and delivery of engines at ship repair facility in Colombo, Sri Lanka	US\$ 21000
(b) Sub-contract for engine installation at Walker Sons & Co. Ltd. shipyard in Colombo, Sri Lanka.	2000
(c) Supervision service of a qualified marine engineer.	250
	US\$ 23250
Contingency 10%	2300
Total estimated cost	US\$ 25550

.....

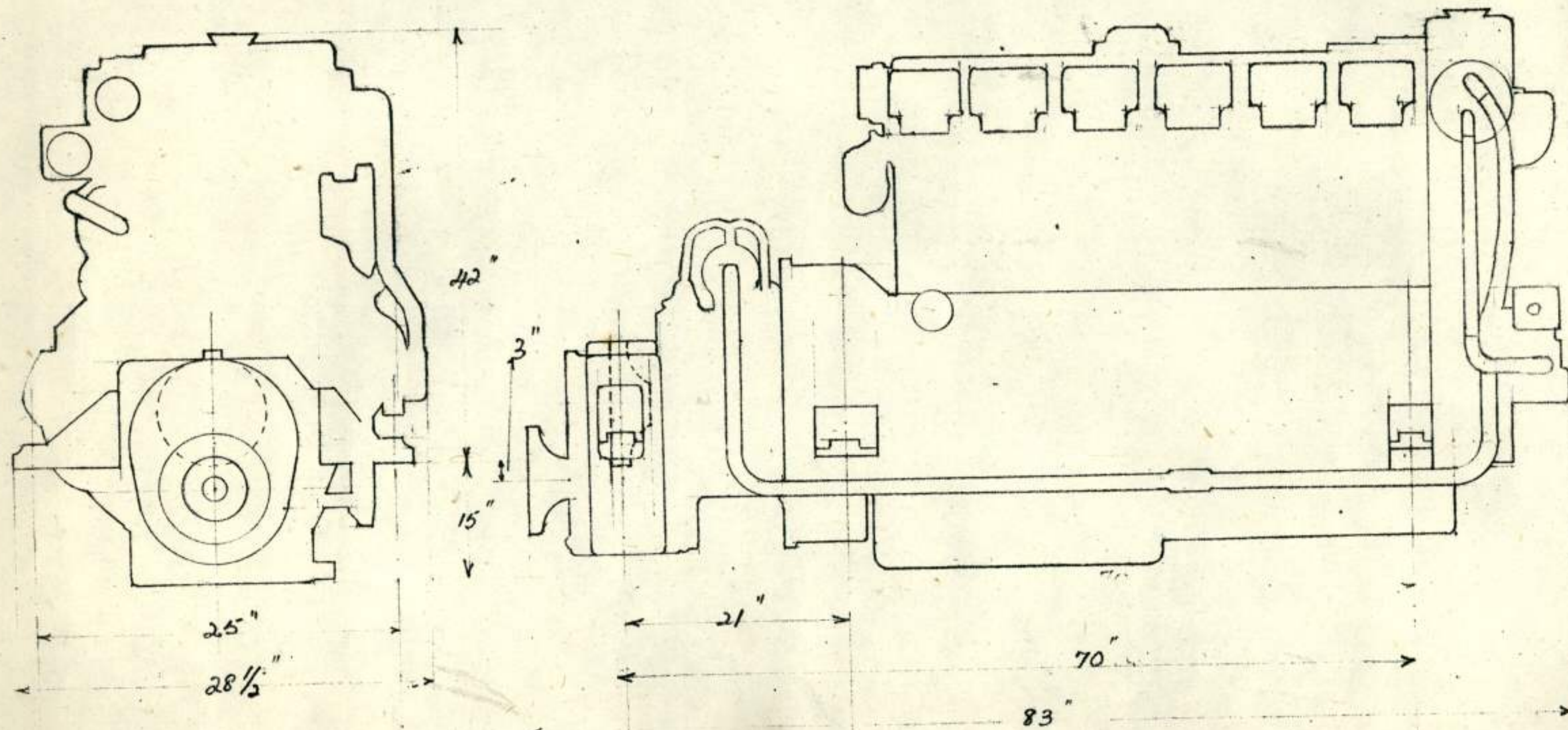
Estimated Saving according predec.(about) US\$ 4,450

12. I take this opportunity to also inform you that the Government has a number of such engines installed on various service vessels and that it has intention to standardize this type of propulsion engine on all government service vessels. The personnel are fully conversant in operating and maintaining this type and model of engine. The spare parts are obtainable. Accordingly it is my recommendation to OTC and to P and T Section that usual procurement procedures requiring international tenders be waived in this case.
13. If the recommendation made in the preceding paragraph is accepted, P and T would be well advised to request offer from LISTER MARINE and send them in advance the attached annexes Nos. 1,2,3,4 and all drawings of the "Golden Ray" (enclosed in the separate envelope). The United Nations should avail themselves of Lister Marine Technical Department's offer to provide advice on installation and the most suitable reduction ratio, propeller size and propeller pitch for this particular vessel. Regional Resident Representative should be authorised by P & T to award contract to Messrs Walker Sons & Co. on the basis of formal offer which they will make in due course for above mentioned services.
14. Finally, in support of recommendations made in this memorandum, may I say that WHO personnel, who often travel in open sailing and motor boats are not only exposed to considerable personal discomfort while discharging their duties, but are also exposing themselves against grave risk of adverse natural elements. Heavy seas are prevalent outside of atolls especially in the monsoon seasons. By providing "Golden Ray" with engines, as outlined in this memorandum, a great step towards ensuring safety of travel and life at sea of UN and specialized Agencies personnel will be made.

EXISTING ENGINE ON "GOLDEN RAY"

THORNYCROFT RZ 6 197 PROP SHAFT DIA $2\frac{5}{8}$ " LENGTH 15'
PROP. DIA 39" PITCH 34" REVERSE AND REDUCTION GEAR 3:1

ANNEX N°1



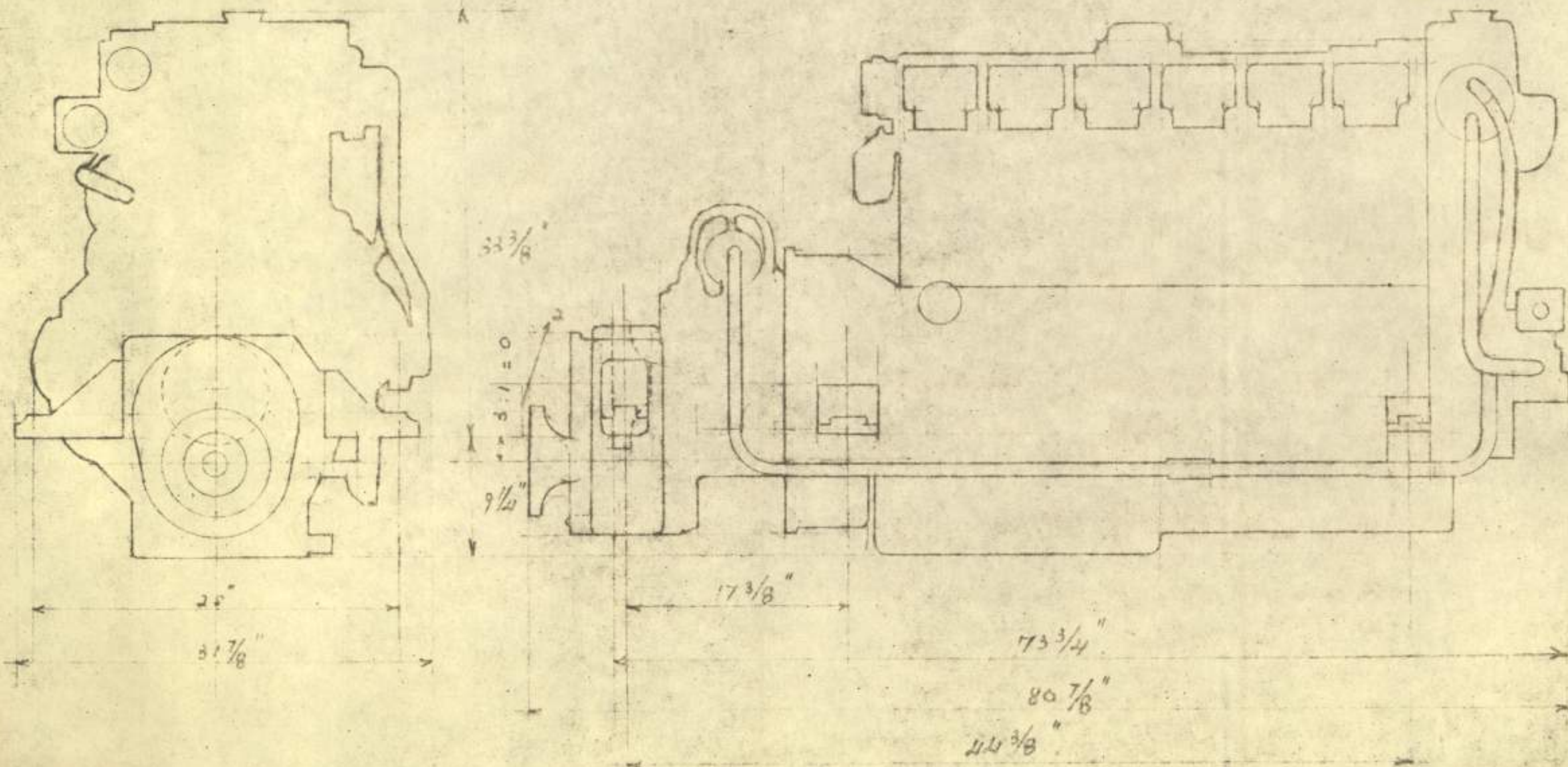
PROPOSED ENGINE FOR "GOLDEN RA."

LISTER MARINE JW 6 MGR3 WITH HYDRAULIC REVERSING, ^{AND} REDUCTION GEAR.

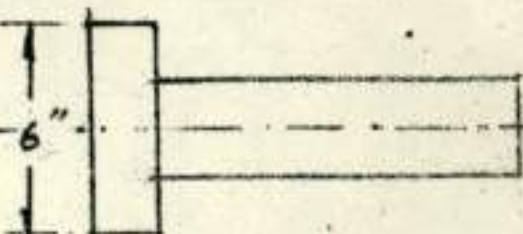
EXPORT PRICE £3181.00

3:1

ANNEX N° 2



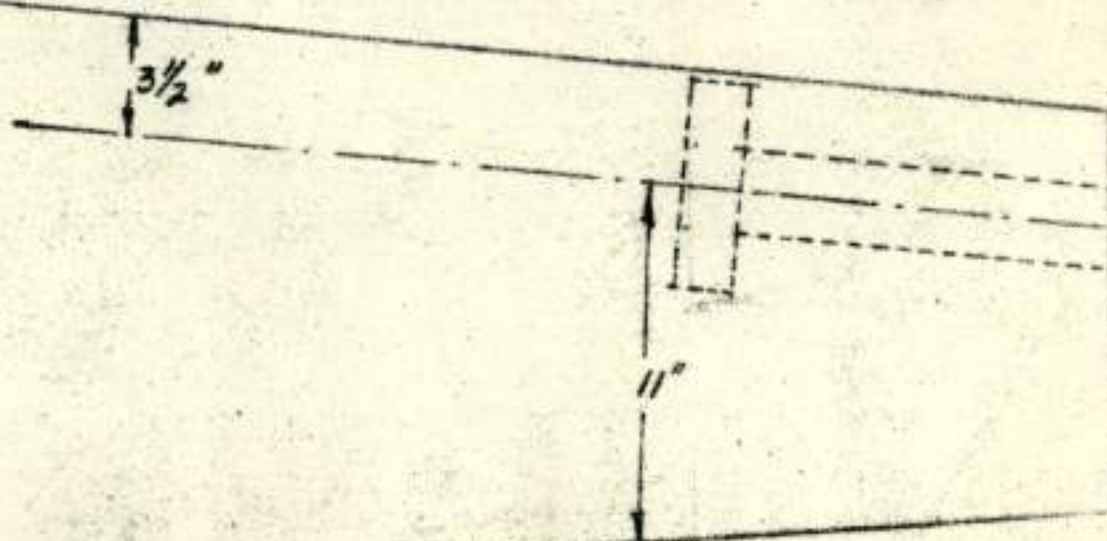
22 1/4"



7 ft.

ANNEX No 3

2' 4"



GOLDEN RAY ENGINE BED (ENGINE SEATING)

ENCLOSURE ATTACHED

UNITED NATIONS



NATIONS UNIES

INTEROFFICE MEMORANDUM

MEMORANDUM INTERIEUR

AUG 15 1973

TO: Mr. Ramendra K. Basu,
A: Chief Physical Resources Projects
Asia and Middle East Branch OTC.

☒ - Action Completed DATE: 9 August 1973

☐ - Section judged

☐ - No Action Required

THROUGH: Mr. Zdenek Lastovka, Chief Transport
S/C DE: Resources and Transport Division.

REFERENCE: TE. 311/1

MALDI

OFFICIAL CORRESPONDENCE

MUST BE RETURNED TO
REGISTRY, ROOM 2074

FROM: J. Z. Bradanovic, Transport Section.

SUBJECT: MALDIVES ISLANDS 72/002 ENGINES FOR DISPENSARY M/V "GOLDEN RAY"
OBJET:

1. Within the Terms of Reference governing my mission to Maldives Islands the implementation of the above mentioned project was the first Government as well as UNDP priority. Accordingly I have thoroughly discussed the problem not only with the Government agencies concerned but also with UNDP as well as United Nations specialised agencies which will be frequent users of the above mentioned motor vessel for the execution of their project throughout the archipelago of the Republic of Maldives. I have personally inspected m/v "Golden Ray" and discussed technical problems with marine engineers and in the paragraphs which follow will make additional comments and recommendations for speedy execution of this, essentially, procurement project.
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8/289

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Estimated Total	US\$ 21,000

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(c) Supervision service of a qualified marine engineer.	250
	US\$ 23250
Contingency 10%	2300
Total estimated cost	US\$ 25550

19,100
2,000
250
21,350
Est. Total 21,350