

For Administrative Use Only
Not for Publication

March 27, 1967

TO : Director, National Communicable Disease Center
FROM : Chief, Smallpox Eradication Program
SUBJECT: Status Report #4

PROCUREMENT

A. Measles Vaccine:

All of the measles vaccine ordered for FY 67 has been allocated as shown on Tables 1 and 2. There are 199,000 doses uncommitted.

B. Smallpox Vaccine:

Tables 1 and 2 reflect the total distribution for FY 67. The uncommitted balance of 2,819,000 doses of jet and 17,000 doses of MP vaccine will be used during the first part of FY 68.

C. Anticipated Needs: (Four month period - not quarterly)

Table No. 3 represents the best info available to Lagos and Atlanta regarding needs. Any necessary changes, with projected figures, should be made as soon as possible and sent to the Regional Project Office for evaluation, consolidation and forwarding to NCDC. This is necessary for NCDC to anticipate and order vaccines and related supplies sufficiently in advance to avoid the manufacturing delays and excuses which have plagued the field personnel during FY 67. NCDC hopes to have your supply available July 1, however, this is contingent upon your prompt replies.

D. Jet Injectors:

By the time this is published the Ped-O-Jet shipments will have been completed to all countries except Nigeria. A balance of 245 remains in Nigeria, scheduled for completion of delivery on or about March 29.

Watch for 75 rejected cylinder assemblies which may have been erroneously installed in the Ped-O-Jets. Advise RPO of any faulty cylinders.

E. Diluent:

The air shipments of diluent were at JFK - February 20 to be manifested aboard aircraft as quickly as space could be obtained. Diluent traveling by surface should arrive at destinations approximately 30 days after receipt of the air portion.

Distribution is shown on Tables 1 and 2. In addition 9,800 vials were sent to Nigeria for use in FY 68.

F. Motor Bikes:

The motor bikes are now involved in a multiplicity of correspondence. Unless we are able to cut some red tape and shipping time - it looks like it will be some-time in April before the first bike sees Africa. We hope to reduce this time appreciably.

G. C-80 Refrigerators:

Six C-80 refrigerators ordered on PO-1046 for Ivory Coast are scheduled to be shipped February 15, 1967 along with the balance of the units being furnished against order 876.

H. Vehicles Pending:

Gabon	-	1-W-200	ETD 3/10
Chad	-	1-W-200	ETD 2/24
Dahomey	-	1-D-200	ETD 3/10
Niger	-	1-W-200	ETD 2/24
Ghana	-	1-D-200	ETD 3/10
Cameroon	-	5-W-500	3 ETD 2/24 2 ETD 3/10
Nigeria	-	10-W-200*	
Nigeria	-	66-D-200*	

*Nigeria Vehicles: Starting March 5 vehicles will roll off the production line at the rate of nine (9) per day until the order is completed. The time span required for shipside delivery involves 28 days.

- a. Quality control and check out at Chrysler - 7 days
- b. Delivery time to Phoenix Mfg. - 7 days
- c. From the time of receipt of the chassis to completion of vehicle at Phoenix -14 days
- d. Delivery from Phoenix to the pier - 4 hours

Following this time table, which was quoted by Chrysler Corp. - through AAPC, we have been promised that there will be 36 units aboard the SS African Lightning departing NYC - April 7, 1967, for arrival at Lagos/APAP April 30, 1967.

The balance of 41 to be shipped on the SS African Crescent arriving Lagos/APAP May 31, 1967.

AAPC has coordinated this with the freight forwarder, "LEP Transport," and advised us that there will be no delays at the pier.

I. Commodities Delivered Improperly:

NCDC has been exerting every pressure that we can bring to bear on the Procurement Agents, Contractors and Shippers in trying to expedite deliveries to West Africa.

Now we need some specifics from the field - strictly on a time available basis without interference in normal routine. We would like to know of:

- 1-Any shipments arriving without proper documents.
- 2-Demurrage charges.
- 3-Delays in receipt of supplies which is felt to be caused by a "Stateside" error.
- 4-Any Air Shipment where an informative cable was not sent, or was not received, far enough in advance.

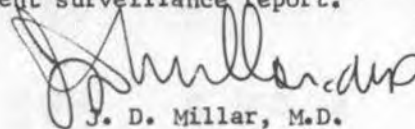
- 5-Shortages which cannot directly be contributed to pilferage.
- 6-Malfunctioning equipment which may be attributed to poor manufacturing.
- 7-Damages or loss of material, which may be caused by poor packing and crating.
- 8-Any other delays, inconveniences or monetary loss due to the above.

In order to obtain reimbursement from those at fault it is necessary to give Bill of Lading or Airway bill numbers, box numbers, purchase orders, carriers, serial numbers and any other identifying marking by which we can "pinpoint" specific consignments when filing claims. Guidelines are set forth in AIDTO Circular XA-1685.

MORBIDITY AND MORTALITY, FIELD ACTIVITIES ETC.

A large amount of information on activities relating to all aspects of the program has been forwarded to Atlanta from the Regional Project Office. More is arriving daily as the field reporting system becomes more and more current and effective.

Rather than delay this "hardware" report pending complete receipt of the first surveillance period (January 1967) data, available information will be collected, collated and presented in a subsequent surveillance report.


J. D. Millar, M.D.

DISTRIBUTION

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Table 1

Operational Commodities and Supplies
Procurement Schedules by Country
OCCGE and Anglophone Countries
FY 1967

<u>Item and ETA Destination</u>	<u>Senegal</u>	<u>Mauri- tania</u>	<u>Mali</u>	<u>Niger</u>	<u>Ivory Coast</u>	<u>Togo</u>	<u>Dahomey</u>	<u>Upper Volta</u>	<u>Gambia</u>	<u>Ghana</u>	<u>Nigeria</u>	<u>Total</u>
A. Measles Vaccine (doses)*												
1. Jan. 1, 1967 (shipped)	33	20	130	80	100	65	50	100	-	35	35	648
2. Feb. 1, 1967 (shipped)	150	25	118	90	100	-	-	-	36	-	177	696
3. Feb. 15, 1967 (shipped)	-	-	-	-	-	65	50	121	-	35	-	271
4. Apr. 1, 1967	<u>0</u>	<u>10</u>	<u>102</u>	<u>0</u>	<u>100</u>	<u>68</u>	<u>40</u>	<u>-</u>	<u>35</u>	<u>30</u>	<u>588</u>	<u>973</u>
Total	183	55	350	170	300	198	140	221	71	100	800	2,588
Jet												
B. Smallpox Vaccine (doses)*												
1. By Jan. 31, 1967 (shipped)	500	150	600	400	300	300	300	500	-	200	550	3,800
2. By Feb. 28, 1967 (shipped)	800	100	350	550	-	300	300	-	200	150	1,500	4,250
3. By Mar. 31, 1967	<u>-</u>	<u>50</u>	<u>0</u>	<u>500</u>	<u>-</u>	<u>300</u>	<u>-</u>	<u>-</u>	<u>150</u>	<u>150</u>	<u>2,000</u>	<u>3,150</u>
Total	1,300	300	950	1,450	300	900	600	500	350	500	4,050	11,200
C. RPO Jet Spox Stock												
	-	50	-	60	50	-	-	-	-	50	-	210
Mult. Press.												
D. Smallpox Vaccine (doses)*												
1. By Jan. 31, 1967 (shipped)	-	-	-	75	350	45	85	700	-	-	-	1,255
2. By Feb. 28, 1967 (shipped)	-	-	-	-	-	-	-	700	-	-	-	700
3. By Mar. 31, 1967	-	-	-	-	150	-	-	600	-	-	-	750
4. By June 1, 1967	-	-	-	-	250	-	-	-	-	-	-	250
5. By Aug. 1, 1967	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>250</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>250</u>
Total	-	-	-	75	1,000	45	85	2,000	-	-	-	3,205

Table 1 (continued)

<u>Item and ETA Destination</u>	<u>Senegal</u>	<u>Mauri- tania</u>	<u>Mali</u>	<u>Niger</u>	<u>Ivory Coast</u>	<u>Togo</u>	<u>Dahomey</u>	<u>Upper Volta</u>	<u>Gambia</u>	<u>Ghana</u>	<u>Nigeria</u>	<u>Total</u>
E. Jet Injectors												
1. Jan. 20, 1967 (shipped)	10	-	7	-	-	10	-	-	-	8	31	66
2. Feb. 8, 1967 (shipped)	-	6	4	6	8	-	4	-	-	-	90	118
3. Feb. 15, 1967 (shipped)	-	-	15	-	-	-	-	4	-	-	-	19
4. Feb. 28, 1967 (shipped)	-	6	-	12	4	-	4	-	8	-	-	34
5. Mar. 3, 1967 (shipped)	5	-	-	-	4	-	7	-	-	-	-	16
6. Mar. 15, 1967	1	-	-	-	-	-	-	-	-	-	99	100
7. Mar. 24, 1967	-	-	-	-	-	-	-	-	-	-	100	100
8. Mar. 29, 1967	-	-	-	-	-	-	-	-	-	-	46	46
Total	16	12	26	18	16	10	15	4	8	8	366	499
F. Iodine (25 cc vials)												
1. Feb. 26, 1967 (air shipped)	1,000	1,000	1,500	1,500	1,000	1,000	1,000	500	500	500	14,500	25,000
											RPO 1,000	
G. Vaccination Certificates (1000's)												
1. Feb. 5, 1967 (air shipped)	75	17	281	100	-	93	150	-	-	-	-	716
Shipped by Boat	<u>1,425</u>	<u>323</u>	<u>844</u>	<u>400</u>	-	<u>842</u>	<u>450</u>	-	-	-	-	<u>4,284</u>
Total	1,500	340	1,125	500	-	935	600	-	-	-	-	5,000
H. Diluent: (50 cc vials)												
Packed with one needle per 2 vials:												
1. Feb. 24, 1967 (air shipped)	700	200	800	800	700	600	600	1,000	0	400	1,100	6,900
2. Mar. 20, 1967 (shipped)	4,500	1,000	5,200	5,000	500	3,000	1,800	1,000	1,400	1,600	15,900	40,900
3. Apr. 8, 1967 - Reserve	-	-	-	-	-	-	-	-	-	-	9,800	9,800
Total	5,200	1,200	6,000	5,800	1,200	3,600	2,400	2,000	1,400	2,000	26,800	57,600
I. C-80 Refrigerators												
1. Jan. 1967 (shipped)	12	8	13	9	1	0	0	6	4	2	15	70
2. Feb. 1967 (shipped)	-	-	-	-	6	-	-	-	-	-	-	6
3. Mar. 1967 (shipped)	-	-	-	-	-	-	-	-	-	-	44	44
Total	12	8	13	9	7	0	0	6	4	2	59	120

Table 1 (continued)

Item and ETA Destination	Senegal	Mauri- tania	Mali	Niger	Ivory Coast	Togo	Dahomey	Upper Volta	Gambia	Ghana	Nigeria	Total
<u>J. Field (Camping) Equipment</u>												
1. - - 1966 (shipped)	7	5	9	8	8	1	8	4	2	3	0	55
2. Mar. 21, 1967 (shipped)	-	-	-	-	-	-	-	-	-	-	91	91
Total	7	5	9	8	8	1	8	4	2	3	91	146
<u>K. Truck Equipment</u>												
1. - - 1966 (shipped)	8	5	9	8	8	1	8	4	2	3	0	56
2. Apr. 22, 1967	-	-	-	-	-	-	-	-	-	-	91	91
Total	8	5	9	8	8	1	8	4	2	3	91	147
<u>L. Vehicles - D-200</u>												
1. - 1966 (shipped)	6	0	0	0	2	1	5	2	0	2	9	27
2. Jan. 1967 (shipped)	-	-	-	-	-	-	-	-	-	-	-	0
3. Feb. 1967 (shipped)	-	-	-	-	-	-	2	-	-	-	-	2
4. Mar. 1967 (shipped)	-	-	-	-	6	-	1	-	-	1	-	8
5. Apr. 1967	-	-	-	-	-	-	-	-	-	-	66	66
Total	6	0	0	0	8	1	8	2	0	3	75	103
<u>M. Vehicles - W-200</u>												
1. - 1966 (shipped)	-	2	4	4	0	0	0	-	-	0	6	16
2. Jan. 1967 (shipped)	-	-	-	-	-	-	-	-	-	-	-	0
3. Feb. 1967 (shipped)	2	3	5	3	-	-	-	2	2	-	-	17
4. Mar. 1967 (shipped)	-	-	-	1	-	-	-	-	-	-	-	1
5. Apr. 1967	-	-	-	-	-	-	-	-	-	-	10	10
Total	2	5	9	8	0	0	0	2	2	0	16	44
<u>N. Cotton - 50#</u>												
1. Apr. 1967	8	5	9	8	8	5	8	4	2	3	90	150

* Vaccine doses in 1000's

Table 2

Operational Commodities and Supplies
Procurement Schedule by Country
OCEAC Countries
FY 1967

<u>Item and ETA Destination</u>	<u>Cameroon</u>	<u>Chad</u>	<u>C.A.R.</u>	<u>Gabon</u>	<u>OCEAC Hdq.</u>	<u>Total</u>
A. Measles Vaccine (doses)*						
1. Jan. 1, 1967 (shipped)	46	30	45	20		141
2. Feb. 1, 1967 (shipped)	-	74	-	-		74
3. Feb. 15, 1967 (shipped)	100	-	45	20		165
4. Apr. 1, 1967	<u>94</u>	<u>45</u>	<u>-</u>	<u>15</u>		<u>154</u>
Total	240	149	90	55		534
Jet						
B. Smallpox Vaccine (doses)*						
1. Jan. 31, 1967 (shipped)	550	400	200	100		1,250
2. Feb. 28, 1967 (shipped)	-	400	300	100		800
3. Mar. 31, 1967	<u>150</u>	<u>300</u>	<u>-</u>	<u>100</u>		<u>550</u>
Total	700	1,100	500	300		2,600
Mult. Press.						
C. Smallpox Vaccine (doses)*						
1. Feb. 18, 1967 (shipped)	130	10	24	10		174
D. Jet Injectors						
1. Jan. 20, 1967 (shipped)	-	-	-	10		10
2. Feb. 8, 1967 (shipped)	10	6	11	-		27
3. Feb. 15, 1967 (shipped)	20	12	-	-		32
4. Feb. 28, 1967 (shipped)	-	4	-	5		9
5. Mar. 3, 1967 (shipped)	<u>-</u>	<u>-</u>	<u>-</u>	<u>3</u>		<u>3</u>
Total	30	22	11	18		81
E. Iodine (25 cc vials)						
1. Feb. 26, 1967(Air)(shipped)	1,500	1,500	1,000	1,000		5,000
F. Vaccination Certificates						
1. Feb. 5, 1967 (Air)(shipped)	340	224	70	44		678
2. Mar. 15, 1967 (Boat)(shipped)	<u>1,360</u>	<u>1,272</u>	<u>400</u>	<u>253</u>		<u>3,285</u>
Total	1,700	1,496	470	297		3,963
G. Diluent (50cc vials)						
<u>Packed with one needle per 2 vials</u>						
1. Feb. 24, 1967 (Air)(shipped)	700	800	300	200		2,000
2. Mar. 20, 1967 (Surface)(shipped)	<u>2,100</u>	<u>3,600</u>	<u>1,700</u>	<u>1,000</u>		<u>8,400</u>
Total	2,800	4,400	2,000	1,200		10,400
H. C-80 Refrigerators						
1. Jan. 1967 (shipped)	31	20	8	9		68

Table 2 (continued)

<u>Item and ETA Destination</u>	<u>Cameroon</u>	<u>Chad</u>	<u>C.A.R.</u>	<u>Gabon</u>	<u>OCEAC Hdq.</u>	<u>Total</u>
<u>I. Field (Camping) Equipment</u>						
1. - 1966 (shipped)	1	6	1	1		9
<u>J. Truck Equipment</u>						
1. - 1966 (shipped)	2**	6	0	1		9
	** One belongs to CAR					
<u>K. Vehicles - D-200</u>						
1. - 1966 (shipped)	2	0	0	1		3
<u>L. Vehicles - W-200</u>						
1. - 1966 (shipped)	0	4	0	0		4
2. Feb. 1967 (shipped)	-	5	-	-		5
3. Mar. 1967 (shipped)	-	1	-	-		1
4. Apr. 1967 (shipped)	-	-	-	1		1
Total	0	10	0	1		11
<u>M. Vehicles - W-500</u>						
1. Feb. 1967 (shipped)	5	-	-	-		5
2. Mar. 1967 (shipped)	3	-	-	2		5
3. Apr. 1967	2	-	-	-		2
Total	10	0	0	2		12
<u>N. Vehicles - International</u>						
1. Feb. 1967 (shipped)	-	-	4	-		4
(1 Station Wagon - 3 trucks)						
<u>O. Cotton 50#</u>						
1. Apr. 1967	12	10	4	4		30

* Vaccine doses in 1000's

Table 3

Anticipated Needs July - Oct. 1967 (4 months)

	<u>Measles</u>	<u>Spox JIG</u>	<u>Spox MP</u>
1. Cameroon	87	350	500
2. Chad	80	480	-
3. C.A.R.	25	-	-
4. Gabon	-	-	-
5. Togo	-	-	-
6. Dahomey	-	-	-
7. Gambia	-	-	-
8. Senegal	-	-	-
9. Mauritania	-	-	-
10. Niger	-	-	-
11. Ivory Coast	-	-	500
12. Mali	-	-	-
13. Upper Volta	-	-	-
14. Ghana	160	800	-
15. Nigeria	<u>2,000</u>	<u>12,000</u>	<u>-</u>
Total	<u>2,362</u>	<u>13,630</u>	<u>1,000</u>

An Introduction to Africa - The Hard Way!

SEP/MC Nouakchott
January 30, 1967

Memo

TO : RPO SEP/MC Lagos Nigeria
Attention: Bill Shoemaker

INFO : SEP/MC Dakar, Senegal

INFO : Headquarters SEP/MC CDC Atlanta, Georgia

SUBJECT: Truck and Spare Parts Transfer Choum to Nouakchott

Departed Nouakchott for Choum via Atar at 4:00 AM 1/25/67
Arrived Choum at 5:30 PM

Trucks at Choum

Status: Ser 2261-674509 OK except for broken right front headlight damaged in shipment from U.S. to Port Etienne.

Ser 2261-674771 Bendix broken while being placed on train for trip between Port Etienne and Choum (teeth chewed off - shaft split - dropping into pan). Push or pull truck to start.

No spare parts in Choum as arranged. Necessitated overnight stay for arrival on Thursday MIFERMA service train.

UNICEF Landrover bringing us to Choum had to depart taking only tool kit.

Spare parts arrived but 3 tons instead of 1 ton as seen in Port Etienne. Looks as if MOPAR tool kits stolen.

Electric light cord and railroad's rope used to tie down spare tires and tubes as well as lighter cases we were able to carry.

Arrived Atar and departed the next day 1/27/67 without problems.

100K's Southwest of Atar Ser. 2261-674771 lost carburetor linkage and main pulley on engine ventilating system. This due to terrible pounding on washboard surfaced road. (Ridges 4 inches apart and 2 inches high with a rocky surface).

Decision to tow disabled truck to Nouakchott. (To abandon means that vehicle and what it carries will be stripped)

No tow cable. Used rope in doubled form. Wrapped surface of bumper in newspapers to reduce cutting.

Cable snapped several times. Once hobbled camels refused to move out of road. Managed to get both trucks stopped without hitting animals. However, cable snapped badly. Trucks too close together after this mishap, which caused second truck to lose headlights due to rocks tossed by rear wheels of first Dodge.

Stopped at Akjoujt to get jerry can and hose to get gas from rear Dodge into first. (Mileage for two before difficulty was 14 miles per gallon. Even with strain of load first vehicle maintained 8 miles per gallon). Borrowed iron tow cable from National Police.

At 2:30 AM first truck straddled a large truck tire rim in the middle of the road. Second truck did not. Right front tire and rim blown and damaged.

Trip between Atar and Nouakchott normally takes 7 hours. This one lasted twenty-five.

This road is considered by everyone to be the BEST ROAD in Mauritania.

Trucks now in LaCombe, Inc., Nouakchott for inspection and repair.

One thing is critically clear - - all nuts, bolts, and screws must be tightened often. First Dodge had bolts loosened on main gear housing, instrument panel, body attachments to chassis, and spring shackles.

Forecast: Few experienced professional drivers believe Warren Hubs will last. Average driver will probably damage unit forgetting to connect or disconnect both front wheels. Most Mauritania drivers are below average.

Almost no hope for rear axle system. Considered much too fragile for road conditions in this country.

Maintenance and inspection facilities available in Nouakchott. Situation in remote areas virtually hopeless. Lucky to be able to find gas.

Our spare parts inventory will be of absolute importance.

/s/ Thomas A. Leonard