

EXHIBIT E-6

DR. RODNEY CARLISLE

PART 6

ANNEXES 26 TO 27

ANNEX 26

RODNEY CARLISLE, PH. D.

Crew Complement Comparisons - NS Mercedes

COMBAT COMPLEMENT OF MERCEDES (Madrid, July 13, 1806 - See Note 1 below)		From Ferrol - 27 Feb 1803 (See Note 2 below)		From Lima - 31 March 1804 (See Note 3 below)		From Montevideo - 9 Aug 1804 (See Note 4 below)		Notes about Personnel
		1	Capt. Jose Manuel Goycoa	1	Capt. Jose Manuel Goycoa	1	Capt. Jose Manuel Goycoa - died on M	
1	Captain of the Ship	1	Capt. Jose Manuel Goycoa	1	Capt. Jose Manuel Goycoa	1	Capt. Jose Manuel Goycoa - died on M	
1	Teniente (Lt) of the Navio (Ship)	1	Lt of the ship, J. Zuamavarr	1	Lt of the ship, Miguel Iriarte	1	Lt. of ship Pedro Afan de Ribera (replaced Miguel Iriarte) wounded on M	Lt Miguel Iriarte, transferred off ship, did not die (Note 5)
1	Teniente (Lt) of the Fregata (Frigate)	2	Lt of the frigate, B. Eguia - Lt of the frigate, J. Villalba (correspondence indicates Eguia was a former Maritime Mail officer - Note 6)	1	Lt of the frigate, B. Eguia	1	Lt. of the frigate, Bernardino Eguia	
3	Alferces (2nd Lt) of the Navio (Ship)	2	2nd Lt of the Navio, P. Landazuri - 2nd Lt of the Navio, M. Altuna	3	2nd Lt of the Ship P. Landazuri - 2nd Lt of the ship M. Altuna - 2nd Lt of the ship Pedro Navarette	2	2nd Lt of the ship P. Landazuri - 2nd Lt of the ship M. Altuna (Fate Unknown) - 2nd Lt. of the ship Pedro Navarette (FU)	2nd Lt of the ship, Pedro Landazuri, transferred June 5 1804 to Astrea, did not die (Note 7)
2	Alferces (2nd Lt) of the Fregata (Frigate)	2	2nd Lt of the Frigate, A. Ballester - 2nd Lt of the frigate, L. Abello (Abello a former Maritime Mail officer - Note 8)	3	Lt of the frigate, J. Villalba - 2nd Lt of the Frigate, A. Ballester - 2nd Lt of the frigate, L. Abello	2	2nd Lt of the Frigate, A. Ballester (FU) - 2nd Lt of the frigate, L. Abello (died on M)	Lt of the frigate, J. Villalba, transferred in M.V. to ship La Astrea, did not die (Note 9)
				1	Oficial de ordenes Miguel de la Sierra Donesteve	0		Miguel de la Sierra Donesteve transferred to Medea at M.V. (Note 10)
				1	Maestre de Plata - Vicente Murrieta (civilian)	1	Maestre de Plata - Vicente Murrieta (civilian)	Murrieta's civilian status confirmed by correspondence from Cadiz where he originally set out as specially-appointed maestre on ship Asia (Note 11)
1	Marine Guard (midshipman)	2	Marine Guard, J. Noboa - Marine Guard, T. Salcedo	2	Marine Guard, J. Noboa - Marine Guard, T. Salcedo	1	Marine Guard T. Salcedo	Marine Guard Juan Noboa transferred to Medea in M. V., did not die (Note 12)

1	Contador (Accountant)	1	Accountant Ignacio de la Carcova	1	Accountant Ignacio de la Carcova	0	Accountant Ignacio de la Carcova, transferred off ship in M.V., did not die (Note 13)
1	Naval Surgeon	1	Naval Surgeon Gaspar Botest	1	Naval Surgeon Gaspar Botest	0	Naval Surgeon G. Botest, not on Mercedes, did not die (Note 14)
1	Assistant Naval Surgeon	1	Assistant Naval Surgeon G Agustino (from Maritime Mail service)	1	Assistant Naval Surgeon G Agustino	1	1st Medic G Agustino
2	Chaplains	2	Chaplain Jacinto Rivera - Chaplain Pedro Pardo de Lago	2	Chaplain Jacinto Rivera - Chaplain Pedro Pardo de Lago	1	Chaplain Pedro Pardo de Lago appears in correspondence after the ship's loss, but not among lists of survivors in England, showing he had left the ship at M.V. (Note 15)
1	1st Pilot	1	1st Pilot (at Grade of Lt. of the Ship) Juan Patricio Garcia	1	1st Pilot (at Grade of Lt. of the Ship) Juan Patricio Garcia	0	1st Pilot & Lt of the ship Juan Patricio Garcia, transferred to Medea in M.V., arrived in Ferrol in 1805 (Note 16)
1	2nd Pilot	1	2nd Pilot R. Vallarino	1	2nd Pilot R. Vallarino	1	Civilian pilots embarked from Ferrol do not properly compare to the specified combat complement (Note 17)
1	3rd Pilot	2 (See note)	Civilian Pilots - Isidro Caycoya and Ramon de Castro	2 (See note)	Civilian Pilots - Isidro Caycoya and Ramon de Castro	2	Civilian Pilots - Isidro Caycoya and Ramon de Castro
17	Officer and Officials subtotal	17	Full	20	Over complement - many may have been aboard to get to Montevideo	14	Under complement - see notes; may have been transferred to make room in cabins for important passengers

1	Sangrador (Drains and pumps specialist)	0		1	Drains and pump Specialist	1	Drains and pump Specialist	
1	Boca de Fragua (Blacksmith)	0		0		0		
1	Official de Macho (Rudder master)	0		0		0		
1	Sonador (Soundings taker)	0		1		1		
1	Patron de Bote (Boatswain)	0		1		1		
1	Concinero (Cook)	0		1	Concinero (Cook)	1	Concinero (Cook)	
10	Lead Gunners	0		9	Lead Gunners	9	Lead Gunners	
54	Ordinary Gunners	46	Artillerymen	42	Artillerymen	42	Artillerymen	
58	Marineros (Able seamen)	49	Able Seamen	51	Able seamen	51	Able seamen	
61	Grumetes (Ordinary seamen)	50	Ordinary seamen	103	Ordinary Seamen	103	Ordinary Seamen	
12	Pajes (Cabin boys)	8	Cabin boys	7	Cabin boys	7	Cabin boys	
1	Chief Steward	0		1		1		
2	Steward	0		2		2		
1	Bombardero (Explosive Ordnance Master)	0		1		1		
1	Artillero (Lead artilleryman)	0		1		1		
20	Artillery Assistants	19	Artillerymen	18		18		
1	1st Sergeant	0		0		0		
3	2nd Sergeant	0		0		0		
7	Senior Corporal	0		0		0		
1	Junior Corporal	0		0		0		
2	Tambor (drummer)	0		0		0		
5	Granadero ("grenadier")	0		0		0		
65	Fucilero ("Fusilier," or infantryman)	56	Infantry troops	63	Infantry troops	63	Infantry troops	Infantry troops

331	Crew and Infantry Complement Subtotal	228	Substantially understrength in sailing and artillery/infantry complement	318	Over complement in list of ordinary sailors and infantry - many may have been aboard to get to Montevideo, or traveling as passengers enroute to Spain - Aventurero Manuel Vargas not included in count	318	Over complement in list of ordinary sailors and infantry - record does not show whether any disembarked at Montevideo or continued to Spain - Aventurero Manuel Vargas not included in count
348	Total Complement	245	Substantially understrength in sailing and artillery/infantry complement - ship sailed 30% under combat crew, critical shortages in gun crews	338	Over complement - many ordinary sailors and infantry may have been aboard to get to Montevideo; crew and soldiers' complement very short on armorers and artillerymen	332	Theoretical count of possible personnel on board; conflicts with all accounts of sinking and losses - no actual crew and passenger manifest exists for departure to Cadiz
NOTES AND CITATIONS:							
1	D. Luis Maria de Salazar, Intendente of Ferrol, report to D. Francisco Gil, July 16, 1806, list of all wartime combat officers' and crew berths for NS Mercedes (AGM, Expedientes de navios , 1176/474, Mercedes)						
2	Report of crew and ship's condition, supplies by Capt. Goycoa, presented after voyage from Ferrol to Callao, Port of Lima, August 7, 1803 (AGM)						
3	Report of crew and ship's condition, supplies by Capt. Goycoa, presented after voyage from Callao, Port of Lima, to Montevideo, June 5, 1804 (AGM)						
4	/ibid., adjusted for individual reports of personnel known to have left the ship before sailing						
5	Service record, reports Iriarte left NS Mercedes for shore duty in July, 1804, at Montevideo at the request of Squadron Commander Ugarte, and remained at that city until his death (AGM, Viso del Marques, 620/674, Miguel Iriarte)						
6	Service record, correspondence assigning Eguia from Cadiz to Ferrol for advanced training after 1802 merger of Mail with Navy (consistent with instructions for Navy training of CM personnel, section 14 of the regulations governing the merger of the services), report of sailing on Mercedes from Ferrol in 1802, death aboard her in Bay of Cadiz, 1804 (AGM, Viso del Marques, 620/363, Bernardino Eguia Sanz Buruaga)						
7	Service record, shows ordered to sail on Mercedes from Ferrol to Lima, and then was transferred to Astrea at Montevideo on June 5, 1804 (AGM, Viso del Marques, 620/603, D. Pedro Landazuri)						
8	Service record, reports Abello requested a salary increase reflecting the rules of the Maritime Mail merger that required fair treatment of CM officers placed under the Navy (Section 6 of the regulations) and also specifically refers to the sailing of the Mercedes as a Maritime Mail matter (AGM, Mail Ships, generales; 1781-1803, 751/L), and the petition of Abello's widow for an increase in the pension she received from the Maritime Mails, which refers to Abello as a lieutenant of the Correos Maritimos (AGM, Viso del Marques, 620/2, Luis Abello)						
9	Service record, lists one year and nine months' duty aboard NS Mercedes prior to being transferred to the Astrea in Montevideo before Mercedes sailed for Spain, 1804 (AGM, Viso del Marques, 620/1275, Joaquin Villalba)						
10	Service record, reports was assigned to the squadron in September, 1803, aboard the Mercedes, then transferred in Montevideo to assist Bustamente aboard the Medea; captured in the Battle of Cape St. Mary, de la Sierra was exchanged in October, 1805, and took command of the frigate Santa Maria Magdalena (AGM, Viso del Marques, 620/1160 Miguel de la Sierra Donesteve)						
11	Correspondence from Cadiz merchants to port authorities						
12	Service record, reports he was aboard Medea during the battle and held captive in England (AGM, Viso del Marques, 620/835, Juan Noboa)						
13	Report by NS Mercedes Captain Gocoya, dated July 1, 1804, in Montevideo, stating Carcova had performed a number of duties since joining the ship in November, 1802, until being transferred at Callao to the corvette Atrevida (AGM, Buques, Expediciones a Indias, 1759-1809, legajo 3389/48)						
14	Service record dated September 19, 1811 in Montevideo, reports Botest sailed on NS Mercedes for two years and 24 days to Lima and Montevideo, and then aboard the Asuncion in the Rio de la Plata for 2 months and 16 days (AGM, Buques, Expediciones a Indias, 1759-1809, legajo 2898/23)						

15	Correspondence in service record files refer to Pardo as a chaplain in the Navy after the Cape St. Mary combat, and about his original voyage out with NS Mercedes, leaving a gap that indicates he disembarked at Montevideo (AGM, Expediciones a Indias, 1759-1809, legajo 3340/47)
16	Service record, shows embarked on NS Mercedes February 1, 1803, sailed from Ferrol to Lima and thence to Montevideo, transferred at Montevideo to the Medea, captured and held in England until return to Ferrol May 27, 1805 (AGM Viso del Marques, 620/443, Juan Patricio Garcia)
17	Reports from Ferrol naming personnel, correspondece at Montevideo about changes
18	"Aventurero," defined in <i>Diccionario Maritimo Espanol</i> , Madrid, 1831, reprinted by the Museo Naval, Madrid, 1974, p. 68
19	"Faltan al reglamento," notation on report of officers, crew and ship's condition by Captain Goycoa in Montevideo, June 5, 1804