A&M Technical Services Inc.
4102 Lauder Road Houston Texas 77039
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POSITIVE MATERIAL IDENTIFICATION REPORT

CUSTOMER:	**USS Texas Foundation**	A&M Technical Report No:/Rev	**N/A**	PROCEDURE No:	**AMTS-P-021/AMTS-P-014**
CUSTOMER SO #:	**N/A**	Purchase Order No:	**N/A**	EQUIPMENT:	**Niton XL5T/Niton Apollo**
Specification:	**ASTM E322**	Customer Specification:	**None**	SERIAL #:	**X500970/AP00326**

Location	Description	Required				C	Mn	Cu	Si	Ni	Cr	Mo	Nb	Ti	V					
1A	Barbette 1	Class A Armor Plate				0.38	0.55	0.11	0.20	3.28	2.14	0.00	0.00	0.04	0.00					
1B	Turret Face	Class A Armor Plate				0.39	0.46	0.13	0.23	3.67	1.99	0.00	0.00	0.00	0.00					
1C	Turret Plate	Class A Armor Plate				0.36	0.52	0.07	0.21	3.65	2.15	0.00	0.00	0.08	0.00					
2	Barbette 2	Class A Armor Plate				0.37	0.54	0.04	0.22	3.62	2.00	0.00	0.00	0.00	0.02					
3A	Barbette 3	Class A Armor Plate				0.37	0.52	0.09	0.09	3.49	1.55	0.00	0.00	0.00	0.00					
3B	Turret Face	Class A Armor Plate				0.38	0.54	0.00	0.20	4.21	1.75	0.00	0.00	0.06	0.00					
3C	Turret Plate	Class A Armor Plate				0.39	0.57	0.04	0.18	3.61	1.86	0.00	0.00	0.00	0.04					
4	Barbette 4	Class A Armor Plate				0.37	0.51	0.11	0.17	3.36	2.14	0.00	0.00	0.07	0.00					
5A	Barbette 5	Class A Armor Plate				0.38	0.54	0.00	0.40	3.63	1.94	0.00	0.00	0.00	0.00					
5B	Turret Face	Class A Armor Plate				0.39	0.53	0.08	0.26	3.82	1.96	0.00	0.00	0.10	0.00					
5C	Turret Plate	Class A Armor Plate				0.39	0.59	0.00	0.23	3.68	2.14	0.00	0.00	0.00	0.00					
6	Aft Belt Armor	Class A Armor Plate				0.37	0.59	0.11	0.25	3.10	2.26	0.00	0.00	0.00	0.00					
7A	Cafeteria	Class A Armor Plate				0.35	0.50	0.00	0.26	3.84	1.39	0.01	0.00	0.06	0.01					
7B	Cafeteria	Class A Armor Plate				0.36	0.40	0.09	0.15	3.33	2.06	0.00	0.00	0.00	0.03					
8	Casemate CM5	Class A Armor Plate				0.39	0.43	0.04	0.20	3.81	1.83	0.00	0.00	0.04	0.00					
9A	Inboard Floor	Medium Plate				0.32	0.37	0.02	0.17	0.00	0.03	0.00	0.00	0.00	0.00					
9B	Outboard Floor	Similar to Class A				0.35	0.61	0.00	0.14	3.20	0.18	0.00	0.00	0.00	0.00					
10	Inboard Bulkhead CM5	Class A Armor Plate				0.30	0.42	0.00	0.24	3.42	1.80	0.01	0.00	0.09	0.01					
11	Original Hull Plate	Medium Plate				0.35	0.52	0.02	0.15	0.08	0.00	0.00	0.00	0.00	0.00					
12	Blister Plate	Medium Steel				0.31	0.47	0.02	0.51	0.00	0.02	0.00	0.00	0.05	0.00					
13	Deadeye	Cast Iron				2.42	0.30	0.08	1.42	0.00	0.03	0.00	0.00	0.00	0.00					

	OPERATOR/TITLE	Location of Testing	Signature of Operator
NAME:	**Jason Rudnicki/PMI Tech**	**Gulf Copper**	*Jason Rudnicki*
DATE:	**09/13/2022**		