

Ploce, 19.10.2017

DRAUGHT SURVEY REPORT/CERTIFICATE No.:

097/17_DS-9517331

CARGO: FERROUS STEEL SCRAP HMS 1+2 80-20

3.118,61 m/t

Vessel:**HALISDEMIR**

IMO No.: 9517331
 Flag: PANAMA
 Port of Registry: PANAMA
 Gross tonnage: 5164
 Net tonnage: 2913
 Summer Displacement: 9965
 Summer Deadweight: 7386
 Light Ship weight: 2570,69

LBP: 112,8
 Breadth: 16,80
 Thickness of keel plate: 0,012
 Depth: 8,20
 Summer Draught: 6,27
 Summer Freeboard: 1,957
 Calculated Quantity: 3.118,61
 Apparent Constant: 129,93

Loading Port: Ploce, Croatia
 Unloading Port: Nemrut Bay, Turkey
 Arrival a road: 14.10.17./15:30
 Vessel Berthed: 18.10.17./00:30
 Commenced: 18.10.17./06:50
 Completed: 19.10.17./20:30
 B/L Quantity: 3.120,11
 Difference: 1,50

SURVEY/Date/Time: Initial 18.10.17./02:00 Final 19.10.17./22:30

OBSERVED DRAUGHT:	Forward		Mid		Aft	
	INITIAL	FINAL	INITIAL	FINAL	INITIAL	FINAL
Port:	2,330	4,730	3,425	5,260	4,360	5,710
Stbd:	2,330	4,730	3,350	5,255	4,360	5,710
Dist. From draft mark to PP:	0,000	0,000	-0,400	-0,400	3,850	3,850

DRAUGHT CALCULATION (metres)

	INITIAL	FINAL
Obs mean fwd draught	2,330	4,730
Fwd perp. Corr	0,000	0,000
Draught forward mean corr	2,330	4,730
Obs mean aft draught	4,360	5,710
Aft pert. Corr	0,072	0,035
Draught aft mean corr	4,432	5,745
Draught forward & aft mean	3,381	5,237
Obs mean mid draught	3,388	5,258
Mid perp. Corr	-0,007	-0,004
Draught midship mean corr	3,380	5,254
Draught mean of means	3,380	5,246
Mean of means corrected for hog/sag	3,380	5,250

CARGO WEIGHT CALCULATIONS (metric tonnes)

	INITIAL	FINAL
Displacement Tab	5.181,04	8.241,66
LCF	-2,88	-2,01
TPC	16,19	16,64
MCTC +50	112,46	125,28
MCTC -50	109,98	114,58
Trim True	2,102	1,015
Trim correction	-82,04	-25,27
Displacement corrected for trim	5.099,00	8.216,39
Observed density mean (G.H.Zeal No.11/269105)	1,0255	1,0255
Density correction	2,49	4,01
Displacement corrected for density	5.101,49	8.220,40

Remarks:**DEDUCTIBLE WEIGHTS**

Other cargo	0,00	0,00
Ballast	2.163,77	2.165,27
Fresh Water	59,00	56,00
Fuel oil	117,10	117,10
Diesel oil	34,70	33,50
Lub oil	4,00	4,00
Other	22,30	25,30
Total deductibles	2.400,87	2.401,17

Initial Net Displacement 2.700,62

Final Net Displacement 5.819,23

Total weight of cargo 3.118,61 m/t

Vessel representative

M/V HALISDEMIR
 GRT: 5164
 IMO NO: 9517331
 PANAMA

Surveyor

MARIS INSPECTIO LTD.