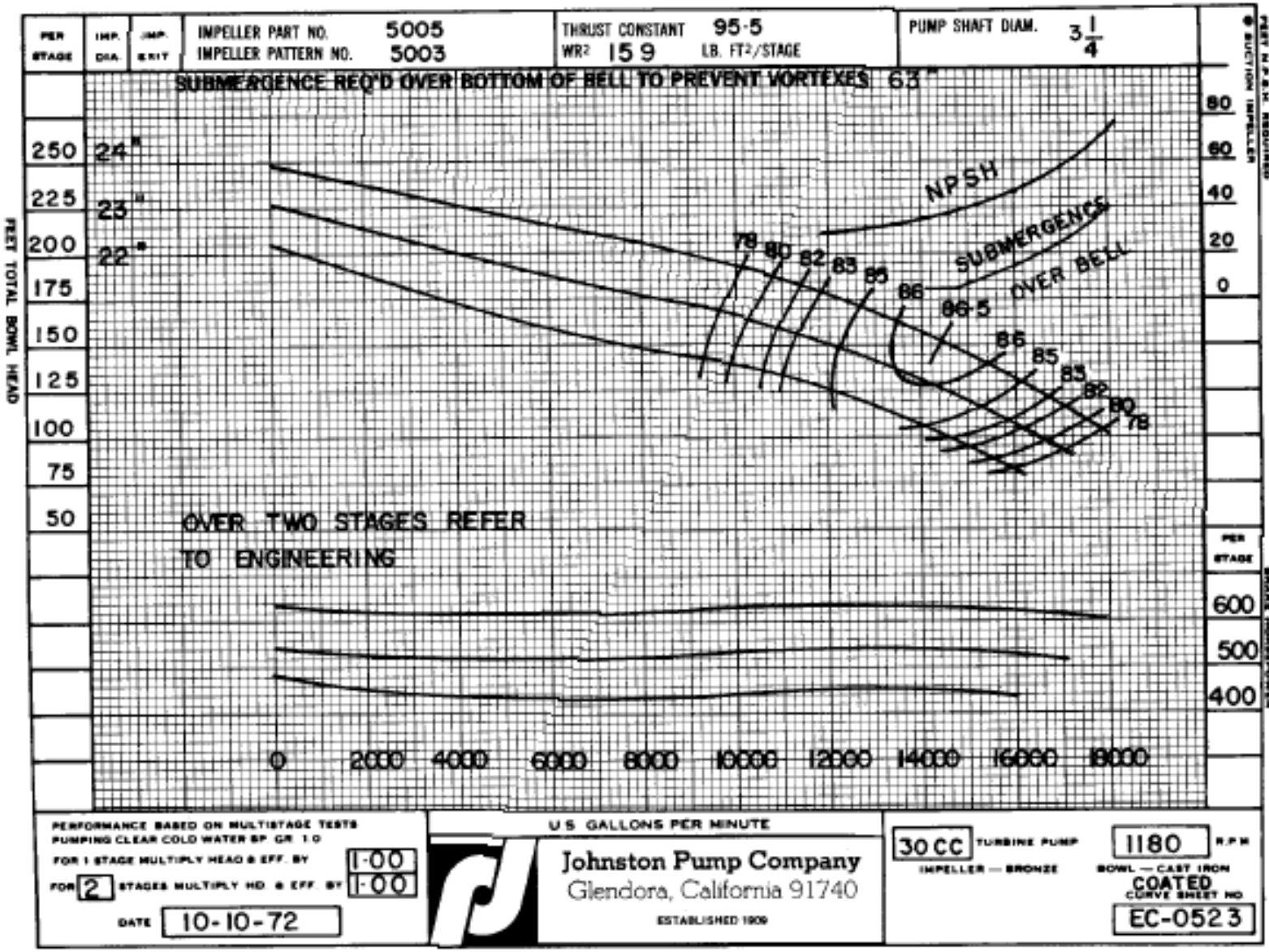
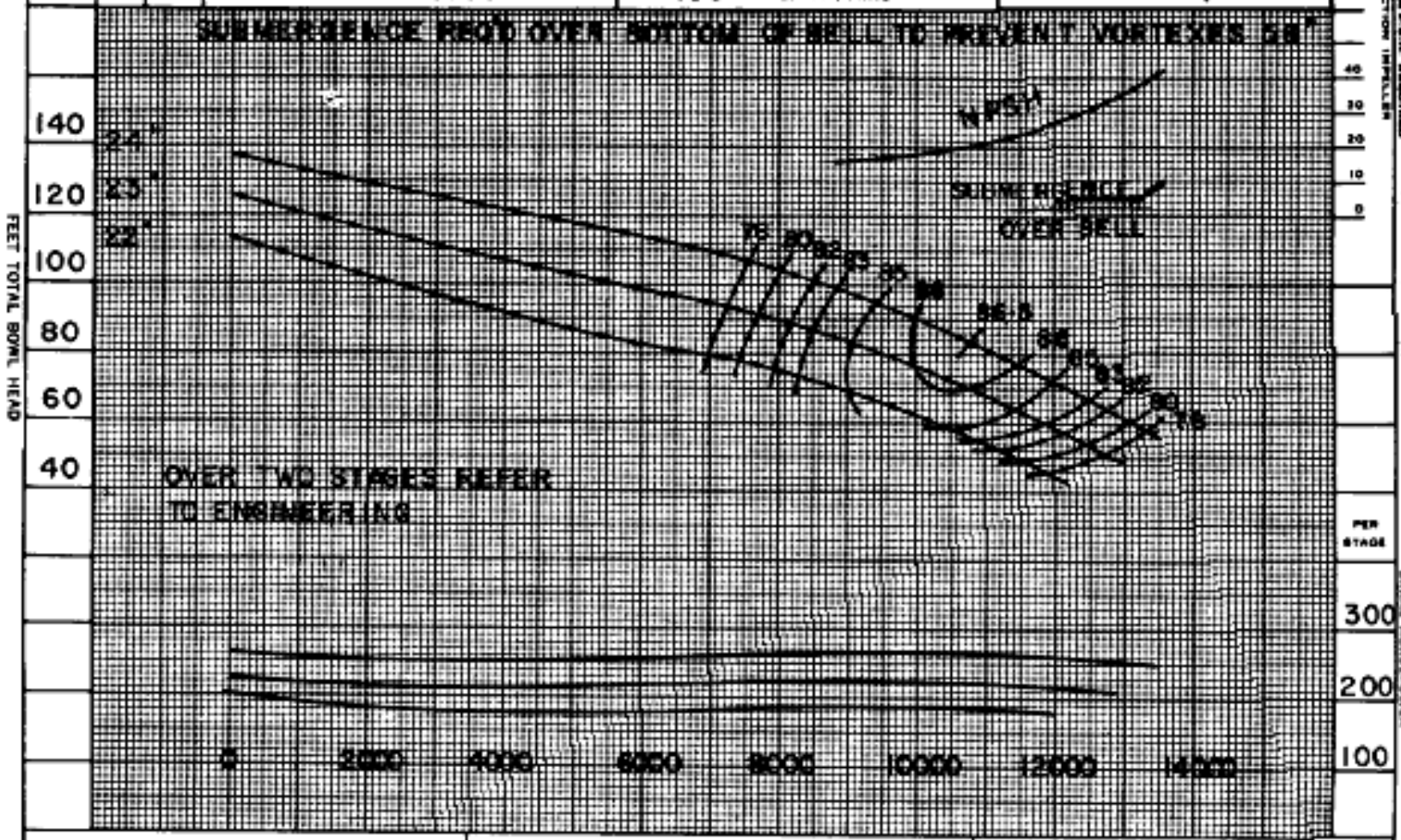

PER STAGE
IMP. DIA.
IMP. EXIT
IMPELLER PART NO. 5005
IMPELLER PATTERN NO. 5003
THRUST CONSTANT 95-5
WR² 15 9 LB. FT²/STAGE
PUMP SHAFT DIAM. 3 1/4
SUBMERGENCE REQ'D OVER BOTTOM OF BELL TO PREVENT VORTEXES 63"
FEET TOTAL BOWL HEAD
250
225
200
175
150
125
100
75
50
24"
23"
22"
NPSH
SUBMERGENCE OVER BELL
78
80
82
83
85
86
86-5
86
85
83
82
80
78
OVER TWO STAGES REFER TO ENGINEERING
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
FEET N.P.S.H. REQUIRED @ SUCTION IMPELLER
80
60
40
20
0
PER STAGE
BRAKE HORSEPOWER
600
500
400
PERFORMANCE BASED ON MULTISTAGE TESTS
PUMPING CLEAR COLD WATER SP. GR. 1.0
FOR 1 STAGE MULTIPLY HEAD & EFF. BY 1-00
FOR 2 STAGES MULTIPLY HD. & EFF. BY 1-00
DATE 10-10-72
U.S. GALLONS PER MINUTE
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909
30 CC TURBINE PUMP
IMPELLER — BRONZE
1180 R.P.M.
BOWL — CAST IRON
COATED
CURVE SHEET NO.
EC-0523

IP-1017

PER STAGE	IMP. DIA	IMP. EXIT	IMPELLER PART NO. 5005	THRUST CONSTANT 95·5	PUMP SHAFT DIAM. $3\frac{1}{4}$
			IMPELLER PATTERN NO. 5003	WR² 159 LB. FT²/STAGE	



PERFORMANCE BASED ON MULTISTAGE TESTS PUMPING CLEAR COLD WATER SP GR 1.0

FOR 1 STAGE MULTIPLY HEAD & EFF BY 1·00

FOR 2 STAGES MULTIPLY HD & EFF BY 1·00

DATE 10-10-72

U S GALLONS PER MINUTE

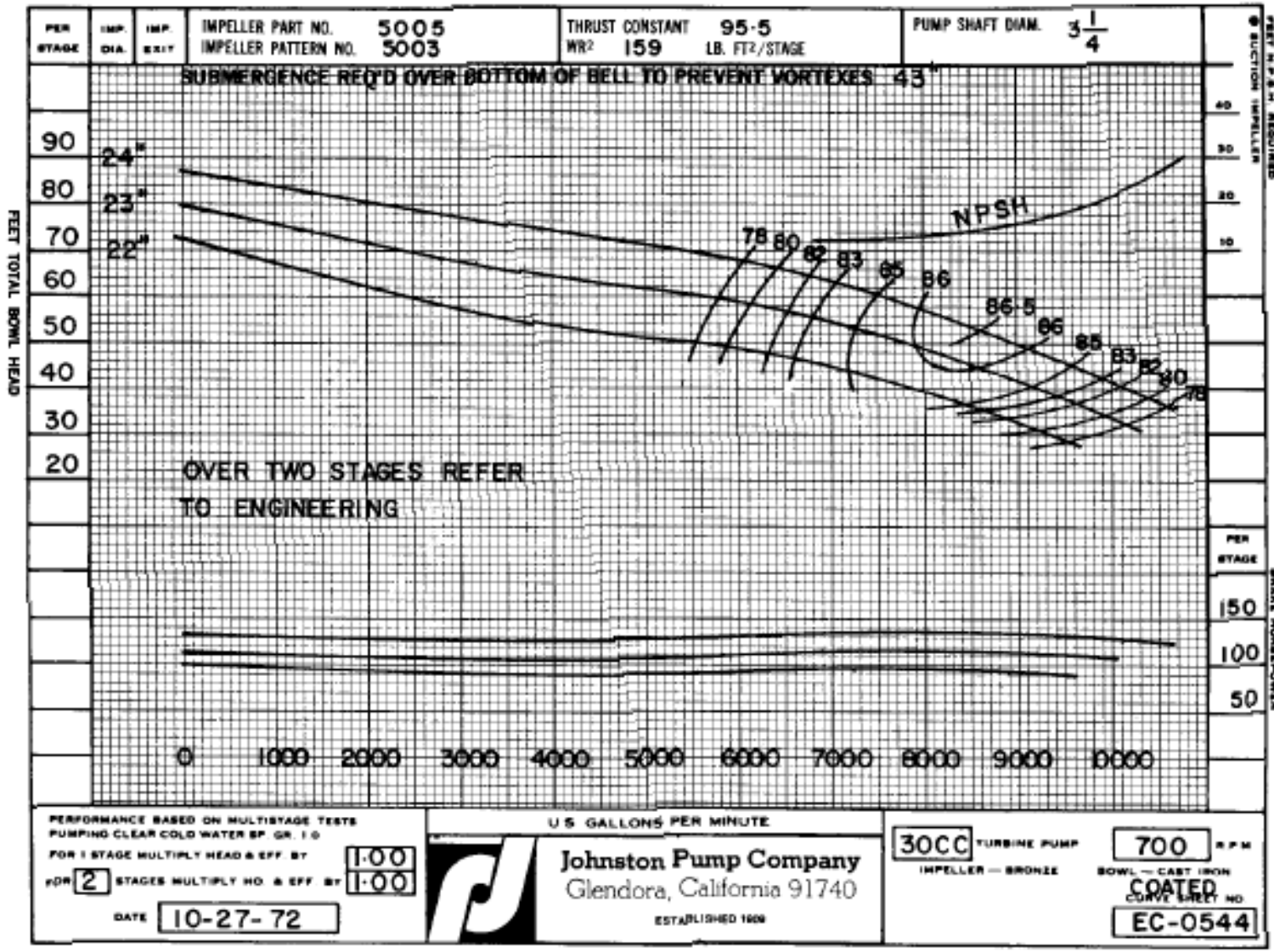
Johnston Pump Company
Glendora, California 91740
ESTABLISHED 1909

30CC TURBINE PUMP
IMPELLER — BRONZE

880 RPM
BOWL — CAST IRON COATED

CURVE SHEET NO
EC-0525

JP 341



Section 4E

March 10, 1975

P-1017

REV NPSH 6-4-74