SHIP PRODUCTION COMMITTEE FACILITIES AND ENVIRONMENTAL EFFECTS SURFACE PREPARATION AND COATINGS DESIGN/PRODUCTION INTEGRATION HUMAN RESOURCE INNOVATION MARINE INDUSTRY STANDARDS WELDING INDUSTRIAL ENGINEERING EDUCATION AND TRAINING

> THE NATIONAL SHIPBUILDING RESEARCH PROGRAM

REAPS 5th Annual Technical Symposium Proceedings

Paper No. 9: The SPADES Ship Production and Control (SPAC) Module

U.S. DEPARTMENT OF THE NAVY CARDEROCK DIVISION, NAVAL SURFACE WARFARE CENTER June 1978 NSRP 0005

	Report Docume	entation Page) OM	Form Approved 1B No. 0704-0188
Public reporting burden for the col maintaining the data needed, and c including suggestions for reducing VA 22202-4302. Respondents sho does not display a currently valid (lection of information is estimated to completing and reviewing the collect this burden, to Washington Headqu uld be aware that notwithstanding ar DMB control number.	o average 1 hour per response, inclu ion of information. Send comments arters Services, Directorate for Info ny other provision of law, no person	ding the time for reviewing inst regarding this burden estimate rmation Operations and Reports shall be subject to a penalty for	ructions, searching exis or any other aspect of th , 1215 Jefferson Davis failing to comply with	ting data sources, gathering and its collection of information, Highway, Suite 1204, Arlington a collection of information if it
1. REPORT DATE JUN 1978		2. REPORT TYPE N/A		3. DATES COVE	RED
4. TITLE AND SUBTITLE				5a. CONTRACT	NUMBER
The National Shipl Technical Symposi	building Research P um Proceedings Pa	rogram REAPS 5th per No. 9: The SPA	Annual DES Ship	5b. GRANT NUM	/BER
Production and Co	ontrol (SPAC) Modu	ile	-	5c. PROGRAM E	ELEMENT NUMBER
6. AUTHOR(S)				5d. PROJECT NU	JMBER
				5e. TASK NUMB	BER
				5f. WORK UNIT	NUMBER
7. PERFORMING ORGANI Naval Surface Wai Building 192 Room	ZATION NAME(S) AND AE rfare Center CD Co n 128 9500 MacArth	DDRESS(ES) de 2230 - Design Int ur Blvd Bethesda, N	tegration Tools MD 20817-5700	8. PERFORMING REPORT NUMB	G ORGANIZATION ER
9. SPONSORING/MONITO	RING AGENCY NAME(S) A	AND ADDRESS(ES)		10. SPONSOR/M	ONITOR'S ACRONYM(S)
				11. SPONSOR/M NUMBER(S)	ONITOR'S REPORT
12. DISTRIBUTION/AVAII Approved for publ	LABILITY STATEMENT ic release, distributi	on unlimited			
13. SUPPLEMENTARY NO	OTES				
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFIC	CATION OF:		17. LIMITATION OF	18. NUMBER	19a. NAME OF
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified	SAR	44	RESPONSIBLE PERSON

Standard Form 298 (Rev. 8-98) Prescribed by ANSI Std Z39-18





Proceedings of the REAPS Technical Symposium June 27-28,1978 St. Louis, Missouri

DISCLAIMER

These reports were prepared as an account of government-sponsored work. Neither the United States, nor the United States Navy, nor any person acting on behalf of the United States Navy (A) makes any warranty or representation, expressed or implied, with respect to the accuracy, completeness or usefulness of the information contained in this report/manual, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or (B) assumes any liabilities with respect to the use of or for damages resulting from the use of any information, apparatus, method, or process disclosed in the report. As used in the above, "Persons acting on behalf of the United States Navy" includes any employee, contractor, or subcontractor to the contractor of the United States Navy to the extent that such employee, contractor, or subcontractor to the contractor prepares, handles, or distributes, or provides access to any information pursuant to his employment or contract or subcontract to the contractor with the United States Navy. ANY POSSIBLE IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR PURPOSE ARE SPECIFICALLY DISCLAIMED.

THE SPADES SHIP PRODUCTION AND CONTROL (SPAC) MODULE

Filippo Cali Cali and Associates, Inc. Metairie, Louisiana

Since the founding of Cali and Associates, Mr. Cali has directed the continuous development of the SPADES system and expanded the company to provide complete N/C lofting services to the shipbuilding industry. He has 30 years of experience in all phases of shipbuilding.

Mr. Cali has a degree in engineering 'from the Italian Naval Academy.

GENERAL COMMENTS AND INTRODUCTION

The purpose of this writing is to report the present status of development and implementation of the 'SPAC' Module.

The 'SPAC' Module was originally conceived two years ago, and the justification for its development is just as valid today as it was then. Actually, our increasing experience in operating a service center for N/C Lofting has provided additional reasons for generating other computer outputs not conceived originally to reduce lofting man-hours and better control shedules, as shown later.

It should be mentioned at this point that the labeling capabilities added to the 'SPADES' System in general because of the 'SPAC' Module will make it desir - able to upgrade the hardware used in the loft and in the shop. A fast drafting machine should be used in those shops with a high work load, and a 'DNC' mode of operation will allow not to punch a high volume of paper tape.

Provisions have also been made for transferring all applicable labeling and lofting markings to the burning machine. To do so today for all tapes will probably overload the burning machine. I feel that the use of this feature is justifiable at the present only when using the burning machine for cutting templates from light gauge sheet metal or aluminum, since this operation will represent only a small percentage of the total work load. Total use of it will probably have to wait until better marking systems are available, although some shipyards with surplus N/C cutting capability might find it desirable, even with today's hardware. The zinc oxide marker is probably the best tool to use at the present for this purpose



STATUS REPORT

Figure 1 is a copy of the 'data flow' conceived for 'SPAC' originally; and since no major changes have occurred during the 'development, it is used to report on the present status.

The status as reported herein is not in terms of coding done yet to be tested. The shaded areas represent the actual extent of 'SPAC' as presently in production use by our N/C Lofting Department.

Implementation was started last October, and the various examples shown later are working documents for a notch tug we are in process of lofting for Atlantic Marine, Inc., in Jacksonville, Florida.

The detail status report is as follows:

A. Data Base

Expansion of the data base to accommodate all records requirements for 'SPAC' has been completed. Proper provisions have also been made for all other ship systems other than steel, such as: piping, HVAC, outfitting, etc. It is expected that some new handling routines will become necessary as the development continues.

B. <u>'SPAC' Program</u>

At the present, this program allows the loft and production planning to communicate with the data base for initial loading of assembly (unit) breakdown; to assign schedules and personel and enter data.. such as validation of individual items. It is also used to request all reports except those generated automatically by the system when applicable.

As the experience in the use of 'SPAC' increases, it is inevitable that changes and additions will be incorporated.

C. 'PARTGEN', Framebending, Plate Development and Nesting

The necessary modifications in these modules to integrate with 'SPAC' have been completed and no further changes for this purpose are expected.

and a state of the second s

I am pleased to report that the additional input requirements in these modules is very minimal and very simple. Furthermore, it has been structured in such a way, not to require any modification of past input.

D. 'SPAC' Reports

All reports shown shaded in Figure 1 are complete and available to the user. I am sure that format changes and added information will be requested by the 'SPADES' users other than ourselves to better suit the practices of the various shipyards. Under the guidance and with the approval of the 'SPADES' Users' Steering Committee, we will incorporate such changes,

E. Lofting Reports and Other Outputs

These reports have been added during the development to aid the loft in tracking the work in progress, and to minimize clerical errors of identification, such as mislabeling a part, or showing the thickness throw on the wrong side of the molded line. The lat ter will prove very valuable in reducing man-hours and turn around time associated with design and production changes, or with rework due to errors.

F. On-Going Development

The various records presently stored in the data base contain more information than is utilized by the various 'reports. One good example is the three-dimensional center of gravity associated with each piece. High on the list of priorities is the generation of the weight and center of gravity by assembly and for the entire ship.

Within the practical space limitations of this paper, it would be difficult to include a full, complete 'SPAC' report for an entire module. For a better understanding, Pages 7 through 40 have been, collected to give the interested reader a quick walk through the lofting process and its tie-in with the 'SPAC' Module.

Frame Bending Module

Page 7 is part of a drawing showing a shell longitudinal (L- 12) terminating at Fr. 54. The longitudinal belongs to Module 1 and is contained in Drawing 777. The Pc. Mk. is 1-777LI20540P. Page 8 shows the input coding (from Longitudinal L-7 to L-12). Pages 9 and 10 are the end-cut templates at the forward end of the beam. Page 11 is a tabulation of the developed curvature to enable the making of a full stale template. Page 12 is a typical summary printed for ,. each beam.

Page 13 (Line 61) is a page of the 'SPAC' Report for Module 1, showing all data needed and templates to be used to fabricate and bend the longitudinal in the shop.

<u>Plate (Shell) Development Module</u>

Page 14 is portion of the shell expansion drawing (777) showing Shell Plate C -2. The Pc. Mk. is 1-.777C 2: S. Page 15 is the input for this plate and three other plates. The same input is used for the roll sets. Page 16 is the plot of the developed part. Page 17 shows the corresponding roll sets. Page 18 is part of the nested tape to cut the roll sets from surplus material. Pages 19 and 20 are the title block and plot location of the templates within the nested Tape No. -741011, Rev. 2. The digit '4' in this number indicates that these are templates and not parts. Page 21 (Line 21) lists tape and template needed to cut and roll the plate. Page 22 (Line 55) shows that Template 8023-401 is nested within Tape No. 741011 and is to be used for Pc. Mk. 777. C 2 S.

Part Generation Module

Page 23 (Dwg. 786) shows a transverse bulkhead (Pc. 174) and associated vertical stiffness within Module 2.07. The bulkhead Pc. Mk. is 2. 0.7-786085017.4C. The stiffener shown (172) has Pc. Mk. 1-78.61720850 S. Page 24 is the input coding. Page 25 is the tabulation of the part geometry. Page 26 is the plot of the part (Note the thk. throw from the molded line plotted by the drafting machine). Page. 27 is the input for all stiffeners on the bulkhead. The four lines for 2.0.7-7861720850 S are bracketed. Pages 28 to 31 are the end-cut templates. Page 32 (Line 20) shows cut length, other data and template associated with the stiffener.

Nesting Module

Page 33 is the input for Nest Tape No. 710039 calling for the above bulkhead. Pages 34, 35 and 36 are title block, plot location of parts, and summary report for the tape. On Page 35, the bulkhead, (Pc. Mk. 2. 07-786850174 C) is Item No. 9. Page 37 (part of the plot of the tape) shows the piece marked Page 38 is the proof drawing we deliver with each tape.

Page 39 lists the plates and tapes needed for Module 2.07, and Page 40 shows the tape number to be used to cut the bulkhead.



LNPUT JOB P	EXE(CUTE "PROG	5 🖕 . Mij	AID	Р к В	A TE	<u>.0</u> 5	5/2	977) 1 n P i	nt (R	(1) 0 3 2	NE ?	, Ч	EV.	NO.	4	KUN I	NU.	'5 Pagé	1
IVPS	165		•		t vi		32								· .				7800 7800	32000 32000
MILIN	1	<u> </u>																	7800	32001
NEWE	777	1	6=B												`.		· · .		7800	32001
L ÚN G		•			м			S	17		ę		12		·			•	7800	32010
VADT	S4X	2.01			N		904	-			-				. * /	•	2	'	7600	32010
PCMK	177L	7641	υ Ρ		5	L7				·····									7800	52012
•	177	8047	10. P	·	Š	LB				-					<u>`</u>	•,		•	7800	32013
•	1776	9041	Ú P		8 S	L9										'		:	7800	32013
	111L	10047	10 P		S	L10								,	.'				7800	32014
	1176	11047	10 F		S	L11								•					7800	32014
••••••••••••••••	777L	12054	10 H		Ş	L12													7800	32014
RALL.					F	4.7		21		.324	4 f	7	5.	L		2	0		7800	3201
LCUT	•		•		Α*	•	:	S		1 4	6 A:	ł.		S		1	<i>а</i> в		7860	32015
OPIN	FLG1	FLG21	TABL													;	•*•		7800	30017
MARK	ALL																•		1800	35014
UEFIN					S	1 B													7800	25055
1106					۴	47.		Z 1		. 324	4 (- 6	9.						7800	3905
UEFN					S	L9					•								7800	3505;
BUTI		-4			۴	47.		21		.35	4	- 7	3.	Ż		5	0		7800	39.05
DEFIN					S	L12													7800	3505
BUIT					۴	54		21		+18	8 .	- 7	5.	2	-	୍ର	0		7800	35051
ECUI					Α*			S		1	8 A	*		\$		1	8		7800	32021
ΟΡΊΝ	FLG1	FLG2	TABL		1	1.	406												1800	3505
INPE				2										-		•			7500	32,99
		1 .		5			3			-4			· · · · ·	5	7.0.1 -	~ ~	0	• • • • •	1	
15345	56789	01534	4567	890	1234	5678	901	234	567	890	123	456	789	1015	34567	89	01234	5678	90155	1920/

· .•

8

254

۰L -7



TAPE NO. 787032-406- 1



DATE 04/24//8 YARD JOB VO. 7005PR01 D.B. NAME P001 D.B. JOB ND. /

.

. . . .

SEADES STSTER

COLLET A VODOLE + 0101

PIECE 104. 0052-000 MEV. 1 (ENAGE (END. TAMLE) PENK. 1 /7/L120540 M DWG. 777 16-8

.

5 472.0 T AL5080

LONG FRAME S LIZ P UN SHIP'S SURFACE N F

.

.

IAFLE OF OFFSFIS

DISTANCE (Y) OF THE TRACE FROM THE CHURE AT LUCATION (X) IN FT-IN-16

й Анх Х Ү	k FwD 0- 0- 0 0- 3- 7 0- 0- 0 - 0- 0- 1	- ()- () - () - ()- - ()- ()- ()- ()- ()- ()-	F • 0 - 3= 0= 4 • 5 = 0= 0= 0 =	57.000 5-0-1 4-0-0 0-0-8 - 0-0-10	F 59.05 5- 0- 0 5- 0- - 0- 0-12 - 0- 0-	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
₩48K X Y	F 61.000 7-0-0 7-0-7 - 0-0-14 - 0-0-14	8-0-6 5-6- -6-0-15 -6-1-	F 63,050 • 0 9- 0-10 1 • 0 = 0-1-0 -	0-0-0 11-0-0 0-1-1 - 0-1-1	F 65.000 11- 0-13 12- 0- - 0- 1- 1 - 0- 1-	0 13-0-0 0 - 0-1-0
₩АКК Х Ү	F 67.000 13-0-15 14-0-0 - 0-1-0 - 0-0-14	F 69.00 15- 0- 0 - 15- 1- - 0- 0-13 - 0- 0-	10 • 2 16- 0- 0 1 • 3 5 - 0- 0-11 -	+ 71.050 7- 0- 0 17- 1- 4 0- 0- 5 - 0- 0- 8	F 12.10 18- 0- 0 18- 1- - 0- 0- 5 - 0- 0-	U KAF1 6 18-11-7 3 - 0-0-1
МАНҚ Х У	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	14+ 5- 7 ()- ()- ()				

.

257

11

PAGE 1

DATE 06/07778 Yard Jub 40, 7005P801 D.H. NAME PB01 D.B. Jub 40, 7

SPADES SYSTEM

FRUGUCTION AIDS MODULE-FRAME BENDING PROGRAM

INDIVIDUAL HEAM SUMMARY REPORT

PIECE NU. 401 MITHIN INPUT DECK NO. 102 - HUN HO. 4 3.08/7# 41506 P THSY FRAME F 150000P ON SHIP'S SURFACE L 644 P .

PHYSICAL PHOPEHILES: SIZE S 5X3.0 T AL5006 NEUTHAL AXIS 4.356 INCHES DEPTH OF THEB 6.000 INCHES

> INPUT DEFINITION OF BUITS AND END-CUTS : BUIT FORG X 150 PEND X -50 ECHT SUCISUCISUCIA 15 18

MINIMUM CUI-LENGTH REQUIRED : 2/ 0/11 FT/1N/16

IST. END-CLT REFERENCE MARK : 0/ 4/ 0 FT/IN/16 FRUM END OF BEAM 1/ 8/11 FT/IN/16 FRUM THE UPPUBLIE END 2ND. END-CUT IS SGLARE - NO REF. MARK GIVEN

 GPTICN
 EXECUTED
 STURED
 DB.RO. AND NEV.

 WEB1
 YES
 YES
 0 4102-401- 2

 TABL
 YES
 YES
 6102-401- 2

25

00

	KEFUN	(1)	veít :	0671	5//4				:	FALE	5 5	15	1 6 6					PALE IN	(r . 5.	6
	D.q.v	AM	t :	8491	1005	6661			5F1P 1	REGITION	AIL	Cue	RUL MEDE	t				MGDULE	/UNIT: 1	
	VESSE	L	:	(ر. ۱ <u>۱</u> ۱)	0AI (P	F6 1)												KEPUK Ì	κŧV.	16
									+ + C = \$	- **600660	FKU	м 5H <i>I</i>	APE S							
	LINE-	• R E 1	V PIECE DRAMIN	ыдна 6 NU,	/ uTY/ LOC.	∧6 ⊺ .	۲	1"1	150614	51K 'A'	I I	5† †(C1 N/C 1	b	web 1 Flamue 1	NEB 2 Flange 2	01	HEK N/C	AIUS	
	50-	ĸ	777110 777	0470	5 1 15-r	53	85	504	26+(14=(14	25-08	-04	4	4 6035-404	- 54	F4U52-404- 2 1052-404- 2	A5032-404+ 2 9032-404- 2	2 I) 2	LONG.FR.	0 F≈.47	
	57-	0	777L11 777	0469 I	р 1 16-к	2	85	504	1-00-08	- 4	-08	4 4	4 6033-409	- 1	+4055-405- 1 7055-405- 1	A5033-405- 1 9033-405- 1	1 () 1	LUNG.FR.	() FR.46	
	58-	1	//7L11 777	11400	3 1 15-h	ć	65	9 (14	1-00-05	- 4	-08	4 4	н 603 5- 405	- 1⊵	F4053-405- 1 1053-405- 1	A5033-405- 1 9033-405- 1	1 () 1	£ Long;fr.	() FR.46	
	59-	1	/7/L11 ///	Q470	р 1 16-8	<u></u> 53	68	904	26-04-08	25-08	-08	4 4	1 6032-405	- 2	+4032-405- 2 7052-405- 2	A5032-405- 2	2 U 2	LONG.FH.	0 Fr.47	
259	60-	8	///L11 ///	0470	5 1 16-8	53	6 S	51)4	26-04-08 %	25-08	-08	4 4	4 6032-405	- 50	+4032-405- 2 7032+405- 2	A5032-405- 9032-405-	2 Q	LONG.FR.	0 FR.47	
	61-	5	/7/L12 /7/	0540 1	p 1 10-r	34	85	4 ()4	19-03-14	18-67	+14	4 1	1 6032-401	- 1	F4052-406- 1 7052-406- 1	A5032-406-	1 0 1	LONG.FR.	0 Fx.54	
	÷2÷	1	111L12 171	()541)	5 1 16-1	39	45	9 Ú 4	19-03-14	18-07	-14	4 (4 6032-406	- 1M	1 +4032-406- 1 7032-406- 1	A5032-406- 9032-406- 1	1 0 1	LONG.FK.	0 FR.54	
	63-	'n	/77L13 /77	0640-1	ະ 1 15-6	6	85	403	4-02-05	3-06	-05	4 4	4 6040-401	- 3	F4040-401- 3 7040-401- 3	A5040-401- 9040-401-	3 U 3	LGAG.FR.	U FR.69	
	64-	1	///L15 ///	9690 ;	ร 1 15 - ช	6	٤٥	403	4-02-05	3-06	-05	44	4 6040-461	- 30	+4040-401- 3 1046-401- 3	A5040-401- 9040-401-	5 U 3	LUNG.FH.	0 FR.69	
	65 -	11	185 185 5	0120 (: 1 4-A	c ()	8F5 >	-00 -12	4-66-08				U				Q		0	
	n6 -	11	142 1 142	0200	1 د ۲- ځ	ہ ک	ኦቶ 5 ኦ	-60 -12	5=(11=04				6				0	FC.FLI.FR	0 • 51	

.

....

. ,

.



1.1

1.450	I UPDAI	€∿G	ł	DATE	0572	5/18	110 t	2010	4/56	κu	IN INU. 5	
JOR 1	PBÚ1 PI	R06. PL1	ն եՐ	Ŭ		10401	8050	κεv.	NU.	3	PHOL	1
1 NP 5			N	802	{			570		1329	15002	00004
<u>KMK 5</u>	JÉSSÉ	5-6-78									75802	00000
MUUL	1										75802	UUU12
URNG	7/7	5 - 8									75802	00016
<u>BU11</u>			J	FNU	٢	47.		6 0			15802	00120
			J	AFI	F	15.		- 6 0			75000	00124
			J	AF2	۴	65.		- 6 4			15602	00120
L M D M			J	A							15000	00132
422M			J	D 1						、	75802	00136
PART		7-43 S	١v		1						15802	00140
SEAM		IKGL	J	FND	J	А	ل ل	AFI	Jв		15800	00144
KEFL	антк			5 0	0						75802	00148
pstk								5 V			75802	00152
MARK	ЕXČL		F	54.	ł	61.					75802	00154
PLIE			91	• 37	5						75802	00156
PARI	17	7-63 5	N		5						758U2	00160
SEAM		1461	J	FWÜ	J	ц	ί	NF 1	JC		75802	00164
KÉFL	BUIK			6 0	0						75802	00168
PSTK								5 0			75802	00172
MARK	EXCL		f	54.	F	67.					15802	001/4
PLTE			81	.31	\$						75802	00176
PART	77	7-02 5	N		\$				ww		75802	00100
SEAM		IKGL	J	FVD	J	C	J /	4F 2	J U1	L	75xu2	00184
REFL	NLINE			6 U	0						12802	00188
MARK	EXCL		F	54.							75892	00190
PLIE			81	*5	5						15802	00192
PART	77:	7-63 8	Ň		4						75002	10200
SEAM		I K P T	J	AF2	J	C	JA	4F I	J 01		15802	00204
PSTK								2 ()			758Ve	00208
REFL	WLNE			60	U						75642	00212
макк	EXCL		F	67.							15002	00214
LIE			81	• 2 •	5						75802	00210
LWPE											75802	09999
	1	ć	2	3			4	5		6	7	

SEVERITY = 0 INFLU IS STORED WITH REV. = 4

INPUT IS EXECUTABLE

261

i







TAPE NO. 758023-300- 2

· · , . . .

• • •

262

.

• •



.

263

17

· · · · · ·

.



ŧ

264

「「ないないない」であるというです。

のないないというないです。

. . . .

the second se

.

| | -

 |

 | ا
 | | E
 |
 | | н
 | |) (
•••• |)
• • • | V
 | * ~ | ь
•• | U
 | 1
 | ــــ | . (
 | | נ :
⊨ = י | | 5 | 1 |)
• • •
 | V (| C | • |
 | | |
 | - | | 1 | 9 | |

--
--
--
--
---|---|---|---|---|---|--|--|--|--|--|---|--|--|---|---|--|--|--
---|---|---
--
--|---|---|---|---
--|--|---|--|---|---|---
---|
| ** | * *

 | * * :

 |)
* * | р
* * | G | G | * * | 5 |]
* * | | | * * | C | L | Δ | 5 | . 5 | ;
;
 | -
 | [5
+ + | U I | i. 1 | 5 (j | : .
 | G (| T | * * | • •
 | * * | | • • •
 | | * * | | •• | • |
| LA | 1Ê:

 | 5 1

 | _ [1 | ĸE | w I | SI | E | 5 | j | Ņ | ٧Ō | • P | LA | TE | : 5 | ۰ ـ
۸ | 14 | i he (
 | 0R | 1 | Y A I | 62: | = | Û
 | T | UT | AL |
 | ni
Ni | J. | PI
 | LA | 7 E | 5 | = | Î |
| E : | SI.

 | ZE

 | Ξ | 1 | 44 | 0 | υX | 4 | ક (| 16) | | 25 | 5 | T |)C | ĸ | iv (| •
 | Ξ | | | | |
 | | | |
 | M] | L | , =
 | A | L. | 5 | 45 | 6 |
| . * *
ا | * * '
A

 | * * 1
rt

 | **: | * * | **
T | *:
E | * *
M | **
+ | * *
L | • * • | k 74 :
4 | * *
[| * *
E | ** | t * | * *
{v | **
E | :*:
S
 | ** | **
Ł | **
(1 | * * ' | ***
 | : * '
 | **
I | **
5 | ** | k ★
[
 | ** | ** | **:
E
 | * * | ** | * * | * * | * |
| Ч | ٩K

 | T (

 | ۷U | • | | | | 61 | Y, | 1 | | | ٩ | AH | ۲Ì | N | υ. | •
 | | | Ŀ | T٢ | ٠ |
 | | ۴ | Δŀ | < I
 | ł | ٩Û | •
 | | | نیا | I Y | • |
| | 77
77
77
77
77
77
77

 | 7 - 1
7 - 1
7 - 1
7 - 1
7 - 1
7 - 1

 | 3 | | | | ר בי
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר
ר | ~ ~ | 1
1
1
1
1 | | C | 1
1
1
1 | | 7 1
7 1
7 1
7 1
7 1 | 7
7
7
7
7
7
7
7
7
7
7
7
7
7 | - А
- С
- С
- Р
- А | |
 | 1
2
1
2
1 | 5
5
5
5
5 |) | 1
1
1
1
1 | |
 | 1
1
1
1
1 | ~ - | 1 1
7 1
7 1
7 1
7 1
7 1
7 1 | 77777777777
 | | | -
 | 2
3
1
2
1 | S
S
P
S
A
P | | 1
1
1
1
1
1 | |
| |

 |

 | | | | | | | | | | | | | | | |
 | | | | | |
 | | | |
 | | |
 | | | | | |
| |

 |

 | | | | | | | | | | | | | | | |
 | | | | | |
 | | | |
 | | |
 | | | | | |
| |

 | .

 | . . . | | | • | | ± . | . . | 41 | | | | | | | |
 | | | • | | |
 | | | |
 | | |
 | | | | | |
| ** | * *

 | * * :

 | * * : | * * | ** | * | * * | ** | * * | r ye y | • × · | * *
* | **
E
** | V | **
1
** | **
S |] | * *
[
 +
 | * *
(;
+ * | ** | **
5
** | ** | *** | r #
 | ** | ** | ** | * *
 | * 1 | * * | **
 | ** | ** | ** | ** | 1 |
| * | • •

 | • •

 | * • | * * | | • | ** | • • | • | | | * * | 0 | E | 50 | k] | 61 |
 | ŰŇ |
 |
 | ••• | |
 |
 |
 | |

 | -
- | | *
 | ВY | * | ٦
ا | AT | ł |
| * |

 |

 | ~ ~ | ~ ~ | | | | ~ ~ | | | | | ^ ^ | ~ / | • • | <u> </u> | ~ ^ | •
 | | | • | ^ ^ | |
 | • • | ~ ~ | ~ · |
 | [°] | ~ ~ | *
 | ** | ** | | * * | , |
| *
* |

 |

 | | | | | | | | | | | | | | | |
 | | | | | |
 | | | |
 | | | *
*
 | | *
* | • | | |
| *
* |

 |

 | | | | | | | | | | | | | | | |
 | | | | | |
 | | | |
 | | | *
 | | * | | | |
| * |

 |

 | | | | | | | | | | | | | | | |
 | | | | | |
 | | | |
 | | | *
 | | * | | | |
| *
* |

 |

 | | | | | | | | | | | | | | | |
 | | | | | |
 | | | |
 | | | *
 | | * | | | |
| * |

 |

 | | | | | | | | | | | | | | | |
 | | | | | |
 | | | |
 | | | *
 | | * | ! | | |
| * * * | * *

 | * * :

 | * * ' | * * | * * | *: | * * | * * | * 1 | . . . | ** | * * | * * | * 1 | * * | ** | k kr | * *
 | * * | * * | * * | * * | *** | * *
 | ** | * * | * | * *
 | * 1 | * * | *
* *
 | * * | *
* * | ** | * * | 1 |
| |

 |

 | | | | | | | | | | | | | | | |
 | | | | | |
 | | | |
 | | |
 | | ~ • | | | |
| |

 |

 | | | | | | | | | | | ٢ | κį | <u>-</u> ۲ | AH | ۲EL | ;
 | Вĭ | | | | |
 | | | |
 | | |
 | | | | | |
| |

 |

 | | С | 4 | . 1 | L | 1 | ł | 5 | A | S | S | 5 (| - | С | 1 | ۵
 | T | ŀ. | ১ | , |] | L
 | P, | С | • | | |
 | | |
 | | | | | |
| ĸĔ | י -
ג נו

 |

 | | | | | | | | - | - | | | ••• | | | | • 🖷
 |
v 4 |
[] |
i) A |
TF | •••• | • •
• ¥
 |
: | • • | - | -
 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 | - | | | | |
| | * L L * <td>* *<td><pre>************************************</pre></td><td><pre>************************************</pre></td><td>р
************************************</td><td>P G
************************************</td><td>P G F A C A F A R T F A R T F A R T T T P A R T T T P A R T T T</td><td>P G ************************************</td><td>P G 5 ************************************</td><td>P G G 5 1 ************************************</td><td>P G G 5 1 1 ************************************</td><td>P G G 5 1 1 ************************************</td><td>P G G 5 1 1 *********************************</td><td>P G G 5 1 1 C ************************************</td><td>Р G G 5 1 1 C L
************************************</td><td>Р G G 5 1 1 C L A
************************************</td><td>Р G G 5 1 1 C L A S
LATÉS LIKEWISE = 1 NO.PLATES M
E SIZE = 14400X 460GX 25 STGCK
P A R I T E M P L A T E S N
PART NU. LIY. PART N
777-8 1 P 1 1 777-8
777-6 1 P 1 1 777-6
777-6 1 S 1 1 777-6
777-6 1 S 1 1 777-6
777-6 1 P 1 1 777-6
FREPAN
C A L I & A S S C C
KFD HY:</td><td>P G G 5 1 1 C L A 5 S
LATES LIKEWISE = 1 NO.PLATES MIN
E SIZE = 14400X 4606X 25 STCCK NO
P A R I T E M P L A T E S N E
PART NU. LIY. PAKT NU.
777-B 1 P 1 1 777-R
777-C 1 5 1 1 777-C
777-C 1 5 1 1 777-C
777-C 1 5 1 1 777-P
777-A 1 P 1 1 777-A
N E V I S I
* CESCHIMAN
* CESCHIMAN</td><td>P G G 5 1 1 C L A S S
LATES LIKEWISE = 1 NO.PLATES MINHE
E SIZE = 14400X 4606X 25 STGCK NC.
P A R I T E M F L A T E S N E S
PART NU. LIY. PART NU.
777-B 1 P 1 1 777-B
777-C 1 S 1 1 777-C
777-C 1 S 1 1 777-C
777-C 1 S 1 1 777-P
777-A 1 P 1 2 777-A
KEV I S I
KEV I S</td><td>P G G 5 1 1 C L A S S T LATES LIKEWISE = 1 NO.PLATES MIRHOR E SIZE = 14400X 4606X 25 STGCK NC.= P A K I T E M P L A T E S N E S I PART NU. LIY. PART NU. 777-8 1 P 1 1 777-6 1 777-C 1 S 1 1 777-C 1 777-C 1 S 1 1 777-C 1 777-C 1 S 1 1 777-P 2 777-C 1 S 1 1 777-P 2 777-A 1 P 1 1 777-A 1 C S C S C C I A T KEU AY:</td><td>P G G 5 1 1 C L A 5 5 G G
LAIES LINEWISE = 1 NO.PLATES MINHUR IN
E SIZE = 14400X 4606X 25 STGCK NC.=
P A R I T E M P L A T E S N E S I E
PART NU. LIY. PART NU.
777-8 1 P 1 1 777-8 1 S
777-6 1 P 1 1 777-6 2 S
777-C 1 S 1 1 777-C 2 S
777-C 1 S 1 1 777-P C S
777-A 1 P 1 1 777-8 1 P
1 777-A 1 P 1 1 777-4 1 P
N E V I S I G N
K E V I S I S C I S C I S C I S C I S C I S C</td><td>P G G 5 1 1 C L A S S · 6 U I LATES LIKEWISE = 1 NO.PLATES MIRNOR IMA E SIZE = 14400X 4600X 25 STOCK NC.= P A R I T E M P L A T E S N E S T E D PART NU. LIY. PART NU. LIY.</td><td>PGG 511 CLASS - 6 UN A
LATES LIXEWISE = 1 NO.PLATES MINHOR IMAGE:
E SIZE = 14400X 4806X 25 STGCK NC.=
PARINU. LIY. PARTNU. LIY
PART NU. LIY. PART NU. LIY
777-8 1 P 1 1 777-8 1 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-P 2 S 1
777-A 1 P 1 2 777-A 1 F 1
K E V I S I C A S
C A L 1 6 A S S C C I A T E S ,
KEU AY: VALUATE</td><td>PGG 511 CLASS-6UK60 LATES LIKEWISE = 1 NO.PLATES MIRHOR IMAGE= E SIZE = 14400X 4606X 25 STOCK NC.= PARINU. LIY. PART NU. LIY. <tr< td=""><td>PGG 511 CLASS 6 UKBG
LATES LIKEWISE = 1 NO.PLATES MIRHOR IMAGE 0
E SIZE = 14400X 4600X 25 STGCK NC.=
PART NU. LIY. PART NU. LTT.
777-B 1 P 1 1 777-R 1 S 1
777-B 1 P 1 1 777-R 1 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-P 2 S 1
777-A 1 P 1 1 777-A 1 P 1
KEV I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM</td><td>PGG 511 CLASS.GUNBGA LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE: 0 TO E SIZE = 14400X 4806X 25 STECK NC.: PARITER PARITER LATES IF PLATES NESTED PARTINU LATES NU. LATES NU. LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE: 0 TO PARTINU. PARTINU. LATES NESTED PARTINU. LATES NESTED PARTINU. LATE NU. LATE NU.</td><td>P G G 5 1 1 C L A S S · G U N G U A T
LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE = 0 TUT
E SIZE = 14400X 4606X 25 STOCK NC.=
P A R T T E M P L A T E S N E S I E U I H I S
PART NU. LIY. PART NU. CTY. P
777-8 1 P 1 1 777-8 1 S 1 1
777-6 1 S 1 1 777-6 J S 1 1
777-6 1 S 1 1 777-6 J S 1 1
777-6 1 S 1 1 777-0 S 1 1
777-6 1 S 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-8 1 P 1 1 777-0 E S 1 1
FREPAMEU BY
C A L I 5 A S S C C I A T E S , I N C
NEU MY: VALUATED BY</td><td>PGG5511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MINHOR IMAGE: G TUTAL E SIZE = 14400X 4806X 25 STECK NC.: PARINU. LIY. PART NU. LIY. <!--</td--><td>PGG511 CLASSSGUK 6041 LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL E SIZE = 14400X 4606X 25 STECK KC.: PAKI TEMPLATES NESTED ITTS PAKI NU. LIV. PART N</td><td>P G G 5 1 1 C L A S S · 6 U K B G A T
LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE= 0 TUTAL NO
E SIZE = 14400X 4606X 25 STGCK NC.= MI
P A R I T E M P L A F E S N E S F E U F H I S T A
PART NU. UTY. PART NU. GTT. PART N
PART NU. UTY. PART NU. GTT. PART N
777-8 1 P 1 1 777-4 1 S 1 1 777-4
777-6 1 S 1 1 777-4 S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 P 1 1 777-4 C S 1 1 777-4
0 E SCR J H T I C A S
VESCR J H T I C A S
FREPAREU BT
C A L 1 & A S S C C 1 A T E S , I N C .
NEU AT: VALUE DT</td><td>PGG_511 CLASSSGUE OF UNBORIZATES LATES LINEWISE = 1 NO.PLATES MINHOR IMAGE: 0 TUTAL NU. E SIZE = 14400X 4606X 25 STECK NE.: PARTINU. LIY. PARTINU.<!--</td--><td>PGG 511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI ESIZE = 14400X 4806X 25 STECK NC.: MIL:= PART NU. LIY. PART NU. LTT. PART NU. LIY. PART NU. LTT. 777-6 1 P 1 777-6 S 777-7 1 S 1 177-8 777-7 1 S 1 177-7 777-7 1 S 1 177-8 777-6 1 S 1 177-8 777-7 1 S 1 177-7 777-6 1 P 1 177-7 777-7 1 P 1 177-8 777-8 1 P 1 177-8 777-6 1 P 1 177-8 777-7 1 P 1 177-8 8 0 E</td><td>PGG 511 CLASS·60K041 LAIES LIMEWISE = 1 ND.PLATES MIRHOR IMAGE: G TUTAL NO. PLA E SIZE = 14400X 4806X 25 STCCK NC.: PART NU. LIY. PITTO 2 S PITTO 2 S PREPAREU BY</td><td>PGG 511 CLASS-GUNBGAT LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE ESIZE = 14400X 4606X 25 STECK NC.= MIL.= AL. PART NU. LIY. PART NU.</td><td>PGG 511 CLASS-600604 T LATES LIKEWISE = 1 NO.PLATES MIRHOR JMAGE: G TUTAL NO. PLATES MESTEE SIZE = 100000000000000000000000000000000000</td><td>PGG 511 CLASS GUNBGAT LATES LINEWISE = 1 NO.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = STATE SIZE = 100.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = PART NO. CIT. PART NO. CIT. PART NO. LIY. PART NO. CIT. PART NO. CIT TTT-C 777-8 1 1 777-8 777-8 1 1 777-8 1 1 777-8 1 1 777-8 777-6 1 1 777-8 777-6 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 1 777-8 1 1 1 777-8</td></td></td></tr<></td></td> | * * <td><pre>************************************</pre></td> <td><pre>************************************</pre></td> <td>р
************************************</td> <td>P G
************************************</td> <td>P G F A C A F A R T F A R T F A R T T T P A R T T T P A R T T T</td> <td>P G ************************************</td> <td>P G 5 ************************************</td> <td>P G G 5 1 ************************************</td> <td>P G G 5 1 1 ************************************</td> <td>P G G 5 1 1 ************************************</td> <td>P G G 5 1 1 *********************************</td> <td>P G G 5 1 1 C ************************************</td> <td>Р G G 5 1 1 C L
************************************</td> <td>Р G G 5 1 1 C L A
************************************</td> <td>Р G G 5 1 1 C L A S
LATÉS LIKEWISE = 1 NO.PLATES M
E SIZE = 14400X 460GX 25 STGCK
P A R I T E M P L A T E S N
PART NU. LIY. PART N
777-8 1 P 1 1 777-8
777-6 1 P 1 1 777-6
777-6 1 S 1 1 777-6
777-6 1 S 1 1 777-6
777-6 1 P 1 1 777-6
FREPAN
C A L I & A S S C C
KFD HY:</td> <td>P G G 5 1 1 C L A 5 S
LATES LIKEWISE = 1 NO.PLATES MIN
E SIZE = 14400X 4606X 25 STCCK NO
P A R I T E M P L A T E S N E
PART NU. LIY. PAKT NU.
777-B 1 P 1 1 777-R
777-C 1 5 1 1 777-C
777-C 1 5 1 1 777-C
777-C 1 5 1 1 777-P
777-A 1 P 1 1 777-A
N E V I S I
* CESCHIMAN
* CESCHIMAN</td> <td>P G G 5 1 1 C L A S S
LATES LIKEWISE = 1 NO.PLATES MINHE
E SIZE = 14400X 4606X 25 STGCK NC.
P A R I T E M F L A T E S N E S
PART NU. LIY. PART NU.
777-B 1 P 1 1 777-B
777-C 1 S 1 1 777-C
777-C 1 S 1 1 777-C
777-C 1 S 1 1 777-P
777-A 1 P 1 2 777-A
KEV I S I
KEV I S</td> <td>P G G 5 1 1 C L A S S T LATES LIKEWISE = 1 NO.PLATES MIRHOR E SIZE = 14400X 4606X 25 STGCK NC.= P A K I T E M P L A T E S N E S I PART NU. LIY. PART NU. 777-8 1 P 1 1 777-6 1 777-C 1 S 1 1 777-C 1 777-C 1 S 1 1 777-C 1 777-C 1 S 1 1 777-P 2 777-C 1 S 1 1 777-P 2 777-A 1 P 1 1 777-A 1 C S C S C C I A T KEU AY:</td> <td>P G G 5 1 1 C L A 5 5 G G
LAIES LINEWISE = 1 NO.PLATES MINHUR IN
E SIZE = 14400X 4606X 25 STGCK NC.=
P A R I T E M P L A T E S N E S I E
PART NU. LIY. PART NU.
777-8 1 P 1 1 777-8 1 S
777-6 1 P 1 1 777-6 2 S
777-C 1 S 1 1 777-C 2 S
777-C 1 S 1 1 777-P C S
777-A 1 P 1 1 777-8 1 P
1 777-A 1 P 1 1 777-4 1 P
N E V I S I G N
K E V I S I S C I S C I S C I S C I S C I S C</td> <td>P G G 5 1 1 C L A S S · 6 U I LATES LIKEWISE = 1 NO.PLATES MIRNOR IMA E SIZE = 14400X 4600X 25 STOCK NC.= P A R I T E M P L A T E S N E S T E D PART NU. LIY. PART NU. LIY.</td> <td>PGG 511 CLASS - 6 UN A
LATES LIXEWISE = 1 NO.PLATES MINHOR IMAGE:
E SIZE = 14400X 4806X 25 STGCK NC.=
PARINU. LIY. PARTNU. LIY
PART NU. LIY. PART NU. LIY
777-8 1 P 1 1 777-8 1 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-P 2 S 1
777-A 1 P 1 2 777-A 1 F 1
K E V I S I C A S
C A L 1 6 A S S C C I A T E S ,
KEU AY: VALUATE</td> <td>PGG 511 CLASS-6UK60 LATES LIKEWISE = 1 NO.PLATES MIRHOR IMAGE= E SIZE = 14400X 4606X 25 STOCK NC.= PARINU. LIY. PART NU. LIY. <tr< td=""><td>PGG 511 CLASS 6 UKBG
LATES LIKEWISE = 1 NO.PLATES MIRHOR IMAGE 0
E SIZE = 14400X 4600X 25 STGCK NC.=
PART NU. LIY. PART NU. LTT.
777-B 1 P 1 1 777-R 1 S 1
777-B 1 P 1 1 777-R 1 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-P 2 S 1
777-A 1 P 1 1 777-A 1 P 1
KEV I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM</td><td>PGG 511 CLASS.GUNBGA LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE: 0 TO E SIZE = 14400X 4806X 25 STECK NC.: PARITER PARITER LATES IF PLATES NESTED PARTINU LATES NU. LATES NU. LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE: 0 TO PARTINU. PARTINU. LATES NESTED PARTINU. LATES NESTED PARTINU. LATE NU. LATE NU.</td><td>P G G 5 1 1 C L A S S · G U N G U A T
LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE = 0 TUT
E SIZE = 14400X 4606X 25 STOCK NC.=
P A R T T E M P L A T E S N E S I E U I H I S
PART NU. LIY. PART NU. CTY. P
777-8 1 P 1 1 777-8 1 S 1 1
777-6 1 S 1 1 777-6 J S 1 1
777-6 1 S 1 1 777-6 J S 1 1
777-6 1 S 1 1 777-0 S 1 1
777-6 1 S 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-8 1 P 1 1 777-0 E S 1 1
FREPAMEU BY
C A L I 5 A S S C C I A T E S , I N C
NEU MY: VALUATED BY</td><td>PGG5511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MINHOR IMAGE: G TUTAL E SIZE = 14400X 4806X 25 STECK NC.: PARINU. LIY. PART NU. LIY. <!--</td--><td>PGG511 CLASSSGUK 6041 LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL E SIZE = 14400X 4606X 25 STECK KC.: PAKI TEMPLATES NESTED ITTS PAKI NU. LIV. PART N</td><td>P G G 5 1 1 C L A S S · 6 U K B G A T
LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE= 0 TUTAL NO
E SIZE = 14400X 4606X 25 STGCK NC.= MI
P A R I T E M P L A F E S N E S F E U F H I S T A
PART NU. UTY. PART NU. GTT. PART N
PART NU. UTY. PART NU. GTT. PART N
777-8 1 P 1 1 777-4 1 S 1 1 777-4
777-6 1 S 1 1 777-4 S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 P 1 1 777-4 C S 1 1 777-4
0 E SCR J H T I C A S
VESCR J H T I C A S
FREPAREU BT
C A L 1 & A S S C C 1 A T E S , I N C .
NEU AT: VALUE DT</td><td>PGG_511 CLASSSGUE OF UNBORIZATES LATES LINEWISE = 1 NO.PLATES MINHOR IMAGE: 0 TUTAL NU. E SIZE = 14400X 4606X 25 STECK NE.: PARTINU. LIY. PARTINU.<!--</td--><td>PGG 511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI ESIZE = 14400X 4806X 25 STECK NC.: MIL:= PART NU. LIY. PART NU. LTT. PART NU. LIY. PART NU. LTT. 777-6 1 P 1 777-6 S 777-7 1 S 1 177-8 777-7 1 S 1 177-7 777-7 1 S 1 177-8 777-6 1 S 1 177-8 777-7 1 S 1 177-7 777-6 1 P 1 177-7 777-7 1 P 1 177-8 777-8 1 P 1 177-8 777-6 1 P 1 177-8 777-7 1 P 1 177-8 8 0 E</td><td>PGG 511 CLASS·60K041 LAIES LIMEWISE = 1 ND.PLATES MIRHOR IMAGE: G TUTAL NO. PLA E SIZE = 14400X 4806X 25 STCCK NC.: PART NU. LIY. PITTO 2 S PITTO 2 S PREPAREU BY</td><td>PGG 511 CLASS-GUNBGAT LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE ESIZE = 14400X 4606X 25 STECK NC.= MIL.= AL. PART NU. LIY. PART NU.</td><td>PGG 511 CLASS-600604 T LATES LIKEWISE = 1 NO.PLATES MIRHOR JMAGE: G TUTAL NO. PLATES MESTEE SIZE = 100000000000000000000000000000000000</td><td>PGG 511 CLASS GUNBGAT LATES LINEWISE = 1 NO.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = STATE SIZE = 100.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = PART NO. CIT. PART NO. CIT. PART NO. LIY. PART NO. CIT. PART NO. CIT TTT-C 777-8 1 1 777-8 777-8 1 1 777-8 1 1 777-8 1 1 777-8 777-6 1 1 777-8 777-6 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 1 777-8 1 1 1 777-8</td></td></td></tr<></td> | <pre>************************************</pre> | <pre>************************************</pre> | р
************************************ | P G
************************************ | P G F A C A F A R T F A R T F A R T T T P A R T T T P A R T T T | P G ************************************ | P G 5 ************************************ | P G G 5 1 ************************************ | P G G 5 1 1 ************************************ | P G G 5 1 1 ************************************ | P G G 5 1 1 ********************************* | P G G 5 1 1 C ************************************ | Р G G 5 1 1 C L
************************************ | Р G G 5 1 1 C L A
************************************ | Р G G 5 1 1 C L A S
LATÉS LIKEWISE = 1 NO.PLATES M
E SIZE = 14400X 460GX 25 STGCK
P A R I T E M P L A T E S N
PART NU. LIY. PART N
777-8 1 P 1 1 777-8
777-6 1 P 1 1 777-6
777-6 1 S 1 1 777-6
777-6 1 S 1 1 777-6
777-6 1 P 1 1 777-6
FREPAN
C A L I & A S S C C
KFD HY: | P G G 5 1 1 C L A 5 S
LATES LIKEWISE = 1 NO.PLATES MIN
E SIZE = 14400X 4606X 25 STCCK NO
P A R I T E M P L A T E S N E
PART NU. LIY. PAKT NU.
777-B 1 P 1 1 777-R
777-C 1 5 1 1 777-C
777-C 1 5 1 1 777-C
777-C 1 5 1 1 777-P
777-A 1 P 1 1 777-A
N E V I S I
* CESCHIMAN
* CESCHIMAN | P G G 5 1 1 C L A S S
LATES LIKEWISE = 1 NO.PLATES MINHE
E SIZE = 14400X 4606X 25 STGCK NC.
P A R I T E M F L A T E S N E S
PART NU. LIY. PART NU.
777-B 1 P 1 1 777-B
777-C 1 S 1 1 777-C
777-C 1 S 1 1 777-C
777-C 1 S 1 1 777-P
777-A 1 P 1 2 777-A
KEV I S I
KEV I S | P G G 5 1 1 C L A S S T LATES LIKEWISE = 1 NO.PLATES MIRHOR E SIZE = 14400X 4606X 25 STGCK NC.= P A K I T E M P L A T E S N E S I PART NU. LIY. PART NU. 777-8 1 P 1 1 777-6 1 777-C 1 S 1 1 777-C 1 777-C 1 S 1 1 777-C 1 777-C 1 S 1 1 777-P 2 777-C 1 S 1 1 777-P 2 777-A 1 P 1 1 777-A 1 C S C S C C I A T KEU AY: | P G G 5 1 1 C L A 5 5 G G
LAIES LINEWISE = 1 NO.PLATES MINHUR IN
E SIZE = 14400X 4606X 25 STGCK NC.=
P A R I T E M P L A T E S N E S I E
PART NU. LIY. PART NU.
777-8 1 P 1 1 777-8 1 S
777-6 1 P 1 1 777-6 2 S
777-C 1 S 1 1 777-C 2 S
777-C 1 S 1 1 777-P C S
777-A 1 P 1 1 777-8 1 P
1 777-A 1 P 1 1 777-4 1 P
N E V I S I G N
K E V I S I S C I S C I S C I S C I S C I S C | P G G 5 1 1 C L A S S · 6 U I LATES LIKEWISE = 1 NO.PLATES MIRNOR IMA E SIZE = 14400X 4600X 25 STOCK NC.= P A R I T E M P L A T E S N E S T E D PART NU. LIY. PART NU. LIY. | PGG 511 CLASS - 6 UN A
LATES LIXEWISE = 1 NO.PLATES MINHOR IMAGE:
E SIZE = 14400X 4806X 25 STGCK NC.=
PARINU. LIY. PARTNU. LIY
PART NU. LIY. PART NU. LIY
777-8 1 P 1 1 777-8 1 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-P 2 S 1
777-A 1 P 1 2 777-A 1 F 1
K E V I S I C A S
C A L 1 6 A S S C C I A T E S ,
KEU AY: VALUATE | PGG 511 CLASS-6UK60 LATES LIKEWISE = 1 NO.PLATES MIRHOR IMAGE= E SIZE = 14400X 4606X 25 STOCK NC.= PARINU. LIY. PART NU. LIY. <tr< td=""><td>PGG 511 CLASS 6 UKBG
LATES LIKEWISE = 1 NO.PLATES MIRHOR IMAGE 0
E SIZE = 14400X 4600X 25 STGCK NC.=
PART NU. LIY. PART NU. LTT.
777-B 1 P 1 1 777-R 1 S 1
777-B 1 P 1 1 777-R 1 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-P 2 S 1
777-A 1 P 1 1 777-A 1 P 1
KEV I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM</td><td>PGG 511 CLASS.GUNBGA LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE: 0 TO E SIZE = 14400X 4806X 25 STECK NC.: PARITER PARITER LATES IF PLATES NESTED PARTINU LATES NU. LATES NU. LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE: 0 TO PARTINU. PARTINU. LATES NESTED PARTINU. LATES NESTED PARTINU. LATE NU. LATE NU.</td><td>P G G 5 1 1 C L A S S · G U N G U A T
LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE = 0 TUT
E SIZE = 14400X 4606X 25 STOCK NC.=
P A R T T E M P L A T E S N E S I E U I H I S
PART NU. LIY. PART NU. CTY. P
777-8 1 P 1 1 777-8 1 S 1 1
777-6 1 S 1 1 777-6 J S 1 1
777-6 1 S 1 1 777-6 J S 1 1
777-6 1 S 1 1 777-0 S 1 1
777-6 1 S 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-8 1 P 1 1 777-0 E S 1 1
FREPAMEU BY
C A L I 5 A S S C C I A T E S , I N C
NEU MY: VALUATED BY</td><td>PGG5511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MINHOR IMAGE: G TUTAL E SIZE = 14400X 4806X 25 STECK NC.: PARINU. LIY. PART NU. LIY. <!--</td--><td>PGG511 CLASSSGUK 6041 LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL E SIZE = 14400X 4606X 25 STECK KC.: PAKI TEMPLATES NESTED ITTS PAKI NU. LIV. PART N</td><td>P G G 5 1 1 C L A S S · 6 U K B G A T
LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE= 0 TUTAL NO
E SIZE = 14400X 4606X 25 STGCK NC.= MI
P A R I T E M P L A F E S N E S F E U F H I S T A
PART NU. UTY. PART NU. GTT. PART N
PART NU. UTY. PART NU. GTT. PART N
777-8 1 P 1 1 777-4 1 S 1 1 777-4
777-6 1 S 1 1 777-4 S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 P 1 1 777-4 C S 1 1 777-4
0 E SCR J H T I C A S
VESCR J H T I C A S
FREPAREU BT
C A L 1 & A S S C C 1 A T E S , I N C .
NEU AT: VALUE DT</td><td>PGG_511 CLASSSGUE OF UNBORIZATES LATES LINEWISE = 1 NO.PLATES MINHOR IMAGE: 0 TUTAL NU. E SIZE = 14400X 4606X 25 STECK NE.: PARTINU. LIY. PARTINU.<!--</td--><td>PGG 511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI ESIZE = 14400X 4806X 25 STECK NC.: MIL:= PART NU. LIY. PART NU. LTT. PART NU. LIY. PART NU. LTT. 777-6 1 P 1 777-6 S 777-7 1 S 1 177-8 777-7 1 S 1 177-7 777-7 1 S 1 177-8 777-6 1 S 1 177-8 777-7 1 S 1 177-7 777-6 1 P 1 177-7 777-7 1 P 1 177-8 777-8 1 P 1 177-8 777-6 1 P 1 177-8 777-7 1 P 1 177-8 8 0 E</td><td>PGG 511 CLASS·60K041 LAIES LIMEWISE = 1 ND.PLATES MIRHOR IMAGE: G TUTAL NO. PLA E SIZE = 14400X 4806X 25 STCCK NC.: PART NU. LIY. PITTO 2 S PITTO 2 S PREPAREU BY</td><td>PGG 511 CLASS-GUNBGAT LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE ESIZE = 14400X 4606X 25 STECK NC.= MIL.= AL. PART NU. LIY. PART NU.</td><td>PGG 511 CLASS-600604 T LATES LIKEWISE = 1 NO.PLATES MIRHOR JMAGE: G TUTAL NO. PLATES MESTEE SIZE = 100000000000000000000000000000000000</td><td>PGG 511 CLASS GUNBGAT LATES LINEWISE = 1 NO.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = STATE SIZE = 100.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = PART NO. CIT. PART NO. CIT. PART NO. LIY. PART NO. CIT. PART NO. CIT TTT-C 777-8 1 1 777-8 777-8 1 1 777-8 1 1 777-8 1 1 777-8 777-6 1 1 777-8 777-6 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 1 777-8 1 1 1 777-8</td></td></td></tr<> | PGG 511 CLASS 6 UKBG
LATES LIKEWISE = 1 NO.PLATES MIRHOR IMAGE 0
E SIZE = 14400X 4600X 25 STGCK NC.=
PART NU. LIY. PART NU. LTT.
777-B 1 P 1 1 777-R 1 S 1
777-B 1 P 1 1 777-R 1 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 2 S 1
777-C 1 S 1 1 777-C 1 S 1
777-C 1 S 1 1 777-P 2 S 1
777-A 1 P 1 1 777-A 1 P 1
KEV I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM
* E V I S I G K S
* UESCHIFTICM | PGG 511 CLASS.GUNBGA LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE: 0 TO E SIZE = 14400X 4806X 25 STECK NC.: PARITER PARITER LATES IF PLATES NESTED PARTINU LATES NU. LATES NU. LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE: 0 TO PARTINU. PARTINU. LATES NESTED PARTINU. LATES NESTED PARTINU. LATE NU. LATE NU. | P G G 5 1 1 C L A S S · G U N G U A T
LATES LINEWISE = 1 NO.PLATES MINHUR IMAGE = 0 TUT
E SIZE = 14400X 4606X 25 STOCK NC.=
P A R T T E M P L A T E S N E S I E U I H I S
PART NU. LIY. PART NU. CTY. P
777-8 1 P 1 1 777-8 1 S 1 1
777-6 1 S 1 1 777-6 J S 1 1
777-6 1 S 1 1 777-6 J S 1 1
777-6 1 S 1 1 777-0 S 1 1
777-6 1 S 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-6 1 P 1 1 777-0 E S 1 1
777-8 1 P 1 1 777-0 E S 1 1
FREPAMEU BY
C A L I 5 A S S C C I A T E S , I N C
NEU MY: VALUATED BY | PGG5511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MINHOR IMAGE: G TUTAL E SIZE = 14400X 4806X 25 STECK NC.: PARINU. LIY. PART NU. LIY. </td <td>PGG511 CLASSSGUK 6041 LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL E SIZE = 14400X 4606X 25 STECK KC.: PAKI TEMPLATES NESTED ITTS PAKI NU. LIV. PART N</td> <td>P G G 5 1 1 C L A S S · 6 U K B G A T
LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE= 0 TUTAL NO
E SIZE = 14400X 4606X 25 STGCK NC.= MI
P A R I T E M P L A F E S N E S F E U F H I S T A
PART NU. UTY. PART NU. GTT. PART N
PART NU. UTY. PART NU. GTT. PART N
777-8 1 P 1 1 777-4 1 S 1 1 777-4
777-6 1 S 1 1 777-4 S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 P 1 1 777-4 C S 1 1 777-4
0 E SCR J H T I C A S
VESCR J H T I C A S
FREPAREU BT
C A L 1 & A S S C C 1 A T E S , I N C .
NEU AT: VALUE DT</td> <td>PGG_511 CLASSSGUE OF UNBORIZATES LATES LINEWISE = 1 NO.PLATES MINHOR IMAGE: 0 TUTAL NU. E SIZE = 14400X 4606X 25 STECK NE.: PARTINU. LIY. PARTINU.<!--</td--><td>PGG 511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI ESIZE = 14400X 4806X 25 STECK NC.: MIL:= PART NU. LIY. PART NU. LTT. PART NU. LIY. PART NU. LTT. 777-6 1 P 1 777-6 S 777-7 1 S 1 177-8 777-7 1 S 1 177-7 777-7 1 S 1 177-8 777-6 1 S 1 177-8 777-7 1 S 1 177-7 777-6 1 P 1 177-7 777-7 1 P 1 177-8 777-8 1 P 1 177-8 777-6 1 P 1 177-8 777-7 1 P 1 177-8 8 0 E</td><td>PGG 511 CLASS·60K041 LAIES LIMEWISE = 1 ND.PLATES MIRHOR IMAGE: G TUTAL NO. PLA E SIZE = 14400X 4806X 25 STCCK NC.: PART NU. LIY. PITTO 2 S PITTO 2 S PREPAREU BY</td><td>PGG 511 CLASS-GUNBGAT LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE ESIZE = 14400X 4606X 25 STECK NC.= MIL.= AL. PART NU. LIY. PART NU.</td><td>PGG 511 CLASS-600604 T LATES LIKEWISE = 1 NO.PLATES MIRHOR JMAGE: G TUTAL NO. PLATES MESTEE SIZE = 100000000000000000000000000000000000</td><td>PGG 511 CLASS GUNBGAT LATES LINEWISE = 1 NO.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = STATE SIZE = 100.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = PART NO. CIT. PART NO. CIT. PART NO. LIY. PART NO. CIT. PART NO. CIT TTT-C 777-8 1 1 777-8 777-8 1 1 777-8 1 1 777-8 1 1 777-8 777-6 1 1 777-8 777-6 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 1 777-8 1 1 1 777-8</td></td> | PGG511 CLASSSGUK 6041 LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL E SIZE = 14400X 4606X 25 STECK KC.: PAKI TEMPLATES NESTED ITTS PAKI NU. LIV. PART N | P G G 5 1 1 C L A S S · 6 U K B G A T
LATÉS LIKEWISE = 1 NO.PLATES MIRHOR IMAGE= 0 TUTAL NO
E SIZE = 14400X 4606X 25 STGCK NC.= MI
P A R I T E M P L A F E S N E S F E U F H I S T A
PART NU. UTY. PART NU. GTT. PART N
PART NU. UTY. PART NU. GTT. PART N
777-8 1 P 1 1 777-4 1 S 1 1 777-4
777-6 1 S 1 1 777-4 S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 S 1 1 777-4 C S 1 1 777-4
777-6 1 P 1 1 777-4 C S 1 1 777-4
0 E SCR J H T I C A S
VESCR J H T I C A S
FREPAREU BT
C A L 1 & A S S C C 1 A T E S , I N C .
NEU AT: VALUE DT | PGG_511 CLASSSGUE OF UNBORIZATES LATES LINEWISE = 1 NO.PLATES MINHOR IMAGE: 0 TUTAL NU. E SIZE = 14400X 4606X 25 STECK NE.: PARTINU. LIY. PARTINU. </td <td>PGG 511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI ESIZE = 14400X 4806X 25 STECK NC.: MIL:= PART NU. LIY. PART NU. LTT. PART NU. LIY. PART NU. LTT. 777-6 1 P 1 777-6 S 777-7 1 S 1 177-8 777-7 1 S 1 177-7 777-7 1 S 1 177-8 777-6 1 S 1 177-8 777-7 1 S 1 177-7 777-6 1 P 1 177-7 777-7 1 P 1 177-8 777-8 1 P 1 177-8 777-6 1 P 1 177-8 777-7 1 P 1 177-8 8 0 E</td> <td>PGG 511 CLASS·60K041 LAIES LIMEWISE = 1 ND.PLATES MIRHOR IMAGE: G TUTAL NO. PLA E SIZE = 14400X 4806X 25 STCCK NC.: PART NU. LIY. PITTO 2 S PITTO 2 S PREPAREU BY</td> <td>PGG 511 CLASS-GUNBGAT LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE ESIZE = 14400X 4606X 25 STECK NC.= MIL.= AL. PART NU. LIY. PART NU.</td> <td>PGG 511 CLASS-600604 T LATES LIKEWISE = 1 NO.PLATES MIRHOR JMAGE: G TUTAL NO. PLATES MESTEE SIZE = 100000000000000000000000000000000000</td> <td>PGG 511 CLASS GUNBGAT LATES LINEWISE = 1 NO.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = STATE SIZE = 100.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = PART NO. CIT. PART NO. CIT. PART NO. LIY. PART NO. CIT. PART NO. CIT TTT-C 777-8 1 1 777-8 777-8 1 1 777-8 1 1 777-8 1 1 777-8 777-6 1 1 777-8 777-6 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 1 777-8 1 1 1 777-8</td> | PGG 511 CLASS-GUNBUAT LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI LATES LIKEWISE = 1 NO.PLATES MIFHOR IMAGE: 0 TUTAL KU. PI ESIZE = 14400X 4806X 25 STECK NC.: MIL:= PART NU. LIY. PART NU. LTT. PART NU. LIY. PART NU. LTT. 777-6 1 P 1 777-6 S 777-7 1 S 1 177-8 777-7 1 S 1 177-7 777-7 1 S 1 177-8 777-6 1 S 1 177-8 777-7 1 S 1 177-7 777-6 1 P 1 177-7 777-7 1 P 1 177-8 777-8 1 P 1 177-8 777-6 1 P 1 177-8 777-7 1 P 1 177-8 8 0 E | PGG 511 CLASS·60K041 LAIES LIMEWISE = 1 ND.PLATES MIRHOR IMAGE: G TUTAL NO. PLA E SIZE = 14400X 4806X 25 STCCK NC.: PART NU. LIY. PITTO 2 S PITTO 2 S PREPAREU BY | PGG 511 CLASS-GUNBGAT LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE LATES LINEWISE = 1 NO.PLATES MIRHOR IMAGE: 0 TUTAL NO. PLATE ESIZE = 14400X 4606X 25 STECK NC.= MIL.= AL. PART NU. LIY. PART NU. | PGG 511 CLASS-600604 T LATES LIKEWISE = 1 NO.PLATES MIRHOR JMAGE: G TUTAL NO. PLATES MESTEE SIZE = 100000000000000000000000000000000000 | PGG 511 CLASS GUNBGAT LATES LINEWISE = 1 NO.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = STATE SIZE = 100.PLATES WITHOR IMAGE: 0 TUTAL NO. PLATES = PART NO. CIT. PART NO. CIT. PART NO. LIY. PART NO. CIT. PART NO. CIT TTT-C 777-8 1 1 777-8 777-8 1 1 777-8 1 1 777-8 1 1 777-8 777-6 1 1 777-8 777-6 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 777-8 1 1 1 777-8 1 1 1 777-8 |

265

- 25

-

ţ

SPADES SYSTEM

DATE 06/12/75

IDENTIFICATION & PLUT LUCATION OF PARTS FUR TAPE NU. 741011- C

	°LOĭ REF∙	URWG.	& LOC.	N/C 10 8 MU	Üt.	r V	IKE FLAIE UUULE & F	'C#K.	MIRR. P MUUULE	LATE & PCMK.	,	
	` 1	* _ * 77	7 4-A	* * 8031=403= 3	* L *	1	777 - 6				; * ; *	
•	2	* * 11	7 4-A	* * 8041-403- 3	* L *	1	777 - 8	* 1	•		, * ★	*
	3	* . * 771	4 - b	* * 0011-402- 5	* L *	1	177-A	* 2 S			, *	
	4	* * 777 *	4 - 8	* 8012-401- 3 :	* L *	1	777 - 8	2 S *	,		: ★ ·★	*
*	5	* 17	1 5-6	* 6023-401- 3	<u> </u>	1	777-C	<u> </u>)		*	
266	. 6	* 71	7 5-8	* * 8022-403- 3	* L *	1	177-в	* 35*	.1		· *	-
· · · ·	7	* _* 777	4 - B	* 8013-401- 5 i	* L *	1	777-C	* 1 S *			*	•
	8	· * * 77/	4 - b	* * 8013-402- 3	* L *	1	777 - C	* 15*		•	* *	
	. 9	* / ?	1 9-d	* * 8071-403- 1	* L *	1	777 - A	* 1 F *			*	,
1	10	* * 771	4 - B	* * 6013-403- 3	* L *	1	777 - C	* 1		-	* *	
· · ·	- 11	* * 777	4 - B	* 0012-403- 3	* ⊾ *	1	777-6	* 2 S *			* * * *	
*	. 12	* * * * * * * * * * * * * * * * * * *	4 - b	* `8012-402- 3	* L *	1	777 - 8	* 2 S *	· ·	,	* *	
	13	* * 77	7 9 - B	* * `8071-401- 1	* L *	1	777 - A	* 1 P *			'≉' • ≢ ⇒	
· · · · ·	14	* * 71	7 9 - B	* * 8071-402- 1	* L *]	777÷A	ነ ዮ *		t	*	L
,	15	* * 77	7 9-8	* 8102-403- 1 (* L *	1	777 - 8	* 1AP *	,	· * *	*	20

* * * * *

REPORT DATE : 06/15//8		るとやし	1 5 5 1 5 1 1	t P		PAGE 110. 7. 3
D.8.NAME: PUB1 /005Ph01	581	P FFCDUL11	LL AND CONTROL	1 - 10-001-1		FUBLLEZUKIT: 1
VESSEL : GUNDALE (FPG 1)						REPORT REV. 16
	P I ł C Ł	δ Εκυνυθευ	а [нколен илс (CU []] % G		
LINE-REV PIECE MARK UHAWING	ND. LUC. WIY.	X61. FA1.	, IHK. STK P	N/C 10. NEST TAPES	IEMPLATES FRÜCESS 151 201) DESCHIPTION
21-15777-6 29777	5-K 1	257 b	•52 80ã	23-300-2 10045-3	8023-401- 3 8023-402- 3 8023-403- 3	HSELLPLIG FK.47
22-13 ///-C 5P 777	5 - 8 1	150 e	.25 A 800	24-300-2M 10045-3	8024-401- 1 8024-402- 1 8024-403- 1	₽SELLPLIG ₽×,65
23-15 //7-C 55 /77	. 5 - в 1	150 8	•52 ¥ \$09	24-300-2 10045-3	8024-401- 3 8024-402- 3 8024-403- 3	HSELLFLIG FK .65
24- 15 7/7-FK 1 C 777	5-A 1	175 B	.50 806	61-300-4 10046-2	·	FLATKEEL FR.22
25- 13 111-FK .2 C 171	5-A 1	173 8	.50 A 808	62-300- 3 10046- 2		FLATKEEL FH.47
26- 12 782 120004 C 782	4-A 1	18 8	"50 01e	60- 1- 3 0160- 1- 1		BRKT.PLT. FH.12
27-13 102 52000 P 182	3-t 1	44 8	.44 016	63- 1- 3 10038- 3		6K1.FLT.FH.51
28- 13 782 520006 \$ 782	3-t 1	44 8	•44 01t	63- 1- 3M 1003d- 3		UK1.PLT.FK.51
29-12 /82 570037 P 782	3-C 1	18	.75 016	64- 1- 1 0164- 1- 1		CHOCK PLT FR.57
30- 13 782 570037 S 782	5-C 1	18	.75 016	64- 1- 1L	0164- 1- 1	CHUCK PL1 FR.57
31- 12 /65 251001 P 783	3A 1	1 8	.25 000	b5- 1- 3 1000/- 5		1NTC.FR. FR.23.1
32- 12 103 231001 5 783	3A 1	1 8	.25 006	65- 1- 3M 10007+ 5		1MIC.FR. FR.23.1
53- 12 785 251002 P 783	3A 1	5 8	.25 006	66- 1- 1 10007- 5		1NCL.PC5.2-9
34- 12 705 231002 S 183	5A 1	58	.25 006	66- 1- 1M 10007- 5		INCL. PC5.2-9

.

.

• --

.

21

I	1 HUKI	UALE : 1	4/14/14			3 F A U F S S T S L F	FAGE NU. 15. 4
U	. 13 . NAM	т т	07 108,	しいちょいし	7173	ההננולולה אמט כטמלאטו שנניטני	MUDULE/UN11: 1
-	lë Sael		l A(IHVI) ((। १नन)			керон1 кеv. 10
					1151 11	F IFWFLAIES REWUINED FUR FLAIES	
<u>.</u>	. INE	1 E mPLA I	ц	nesi larf	+]1	LEVAHNS	
	ر م	りしょういい	-	141011	117-6	5 ד	
	5.5	4022-405	2 - 2	110147	H+177	J.	
	5 4	0123-401	-	141011	717-C	τ. 	
	55.	. 8023-401	- 2	110147	117-6	აი ი	·
	5	902 5- 404			177-6	τv	
2	, 1 2	- 8023-402	ر د		3-111	بری ل	· · · · · · · · · · · · · · · · · · ·
68	ъż.	3023-401			777-C	۲. ۲.	*****
	59	3023-405	ر د ع		111-6	л Л	
	60	りいちーカマいね			117-C	5 F	
	61	5024-401	- 5		3-115	لى د	
	62	8024-405	5 - 1		717-C	ъ. Г	
	6 5	4024-405	ير. در		117-6	ى ئى ئ	
	64	ちいよりーすい	5- 1		117-5	3 P	
	çq	024-40	ś• ż		777-C	ک د	
	66	9051-401	1- 5		111-6	т — Т	
	61	302-405	ج ، ج		177-15	1 F	
	68	8051-40	3+ 5	141011	771-t	1 F	



104 N 108 b	JPUAII Bui Pr	NG. PA	чкļ	ĊΑ	TE 05	/02/7 INF	8 UT (0	11ME 052	21/05/47 REV. NO.	2	£ulv	NU.	3 Mage: 1	
INPS				N	0052					62	5		7000520	004
WRIT	JRP				,	`	•	A 90		1	U U		1000520	UU6
DRWG	786	9 - 8					• • •						7000520	008
MUUL	2.07			F									7000520	012
1R3V 		А	I I	F 8:	5000		;						7000520	016
100055					60	6	0 0						7000520	0S0
	6 A S 1					FLRG	۰.			-6	0 1		7000520	624
PART	1860850	174 C		r	1								7000520	058
OUTP	1000000				·								1000520	0320
CNTR	DÓwin						,						7000520	036
LBHD		S	-	164	S			-					7000320	040
SHFT		· •		_	04			ΔΛ.Υ-					7000320	044
					04			Alv Y -					7000320	040
SAVE					•						1		7000520	(J2 (156
LIVK	NE W												7000520	0.00
LBHD		ĥ	+	LH5	٢								7000520	054
SHFT					64			A № ¥ +					7000520	068
					()4			A N Y +					7000520	672
SAVE											· 2		7000520	076
LINK	NEN	•		•									7000520	080
DECK5				DTT		SL 1	۲	PEND	5				1000520	084
LINK	1 N T.	•								-	2		7000520	088
CALL			•			-	-				1		-1000250	092
LINK	1 \ 1	EXID					• •		60		3		7000520	200
SHELZ	1			M		164	5	L85	Р				70005207	204
CTINE	1.4	E	XIL							6 () 4		7000520	508
	1 61 7	•				.7	• •				2		7000520	515
DECK	101	υ	-	DT T							5		7000520	216
CIRE		r	-	011									70005200	220
CUTT				YY	1								70005200	224
PINO				Ē	.460	<i>4</i> -	•.						70005200	220
MIDN													10005200	220
RINGE				SCL	C	51.3	s		4 0			*	10005202	236
SHIAN				۲.	28		- 0 H	A 45				-	70005202	200
STOL					30								70005202	244
MIDN				LF4	5								7000520	248
CCUI				SL 2	5	,	4 Ü	A *			*	4	70005202	252
CCUT				SL 2	S			A * .			1	011	10005202	256
RNGE				DIT	5	PLKG	Ş	· ··	4 Û		*	4	70005200	260
RATH5			-	Р	* 3 S		บส์	4 -45					70005204	264
MIDN				N									70005200	268
RNGE				SL 3	১	SL 4B	Ч		4 0		*	5	10005202	315
RAIH5				٢	45		80	A 4,5			•		10005200	276
MIDN			•	L85	F								70005202	280
PINO				P	510								70005200	284
0001				SL2	۲		4 ()	A *			×_	5	70005204	199
			•	SLS	P			A *			1	513	70005202	595
MION				۲	55		08	A - 45					10005204	100
TOW.	1		2	011	,		n	÷.	e				10005204	104
123450	6789012	3456789	9012	234567	89015	345678	3901	234,5678	901234567	6 78901	2345	ь789	, 901234567	, 5 1890

the service of

4.5

1.5

2.150

1.2

-

تدميت

3...

<u>2</u>4

2421 55945141CAL 0414 FOF NE	STING REFERENCE	DATE 05/02/78	11ME 21/06/62
JUB 10052291 SPIP 561	Part NU.	52 - 1 - 2	Page 1
VUDL-PCVK 2.07785 850174 C MATERIAL CUDF 8 THICKLESS	0%G-LOC 786 5 0,250	9-8 REMARKS	•

	01~£	1 5	SIUNE) JN CECF			
SHAINKAGE FACTURS	I'SED:	X	=	1.000000	Y	=	1.001040
STARTING PUTNI (F	PART	X	Ξ	3.000	Y	Ξ	-0.500

*****PIECE WESTED ON TAPE NUMMER(S) 10059

うたっ。 '	STANTING	P01N1	1766	VFL	ĸ₣ĸ₣	NUVENENI	MITH	CENTER	LUCATION	
80 .	X	Y				υ×	ŬŤ	UXC	LYC	ĸuī
1	0.0	0.0	011	C 1	k	0.0	0.271			
S	0.0	0.271	CLI	Ċ T	ĥ	-0.172	0.0			
Ś	-9-172	0.271	GLT	C T	h	-0.083	0.083	0.0	0.083	-
4	-0.255	0.355	Č Ū T	C T	ĸ	0.0	0.146		•••••	
5	-0.255	0.501	CLT.	Γ.	ĥ	0.0	0.146			
5	-0.255	0.647	110	- 1 - 1	R	0.084	0.683	6 083	κ ή η	-
ĩ	-0.172	0.730	111	r T	h	0.172	-0.000	0.000.	J V.V	-
Ŋ	9.0	0.750	CIT	c i	R	0.6	0.496			
ý	9.0	1.026	CLI	10	ĸ	-0.172	0.060			
10	-0.172	1.226		C T	ĸ	-0.083	1 083	0 000		_
11	+0.255	1.310		1.0 1.1	*	0.0	6 154			-
12	-0.255	1.464	GUT		ĸ	0.0	0.138			
15	-9.255	1.602	617	10		0.084	0.083	6 643	1 A A	-
14	-11-172	1.645	1 10	2.1 2.1	i. ie	0 172	-0.005	0.001	0.U	-
15	0.0	1.685	110	r T	н Н	0 0	0 539			
10	0.1	2 224	T I I	ст ст	 He	+(1173	0.0			
17	=0.172	2 224		с. ст	 L	-0.172	0.083	6 660		
1.4	-11 255	2 3 () 8	CLI	1.0 1.0	Г	-0.003	0.154	0.000	1 V.062	•
10	-0.255	2.000	017	C 1	к С	0.0	0 1 7 6			
71	-0.277	2 400		C 1	я С	0.042	0.130	0 0 0 1		
21	-0 170	2.000		C 1	н С	0.173	0.085	0.055	5 0.0	•
13	-0.172	2.003		L I C T	R	9.17C	-0.000			
22	9.0 1.0	2.000		L I C I	н 1.	- 0 - 1 7 ()	0.004			
20	-0.135	2.000		L 1	17 13	-0.003	0.0			
24 36	-0.172	2.200			к ,	-0.083	0.085	0.000	0.083	-
20 2		3.300		13	*	0.0	0,154			
~ ~ ~	-0.255	2.450		U I	к .	0.0	0.138			
21	-0.255	5.598		C I	R .	(1.083	0.083	0.083	5 0.0	-
23	-0.172	5.681	CLI	CI	ĸ	0.172	-0.000			
54	0.0	5.681	GLI	C 1	ĸ	0.0	0.761			
50	0.0	4.442	CL I	CI	H	-0.042	0.042			
51	-0.042	4.484	GUT	C T	ĸ	-2.165	0.000			
52	-5-504	4.484	GUE	CI	H.	-0.051	-0.041			
55	-4-258	4.443	CL I	C 1	'n	-0.069	-0.292	36.417	-8.695	+
54	-2.525	4.151	etr	CT	ĸ	-0.086	-0.396	40.820) -9.556	+
55	-2.412	3.761	OL I	CT	ĸ	(1.249	-0.052			
36	-2.163	3.709	θĻΓ	CT	ĸ	0.065	-0.099	-0.017	-u.082	-
57	-5-099	3.610	CL1	CI	ĸ	-0.037	-0.176			
35	-2.136	3.434	6¢1	C 1	ĸ	-0.040	-0.191			
57	-0.176	5.243	LLT	כז	R	-0.059	-0.065	-0.082	2 0.017	-
40	-2.274	3. 178	6t I	CT	F	-0.249	0.052			•
41	-5-2	3.231	661	C f	R	-0.095	-0,476	41.017	-8.306	+
42	-2.615	2.760	OLI	CI	н	0.250	-0.046			
43	-2.365	ė.714	ζιΤ	10	k	0.06/	-0.047	-0.015	580.0-	-
8.4	-2 200	- 617	C T	ГЛ	L L	-0.033	-0 177			



. . . .

.

₽

· · · · · ·

1950 Liveu	T UPDATTNG 2801 - 2805-	F A H T	GATE	05	/17/7	2 11 T	<i>ı</i> .	IIME	0875	i2/41 [°]	אט "	N NU.	3	_
					1 141		U		NEV.	. NU.	4		PAGE	1
TWED	JKP		is (055									/0005	50604
DRAG	100 9-1	4											10005	30008
MUDL	2,07	•											10005	20012
IRSV	••••	4 F 1	F 850	0.0									10005	30016
ADDP			611		501		C		5 6				70005	40020
овте	7061730450	C	٨		SLVK		č	Δ *			L.	••	70005	30021
	5(15601		5		1	ē	3	904				70005	30024
			Р	ر) د		-			•				7.0005	10020
												1	76005	500000
UBTP	7861720450	5	N		5L1		S	A *	,			•	76005	30040
				·S		1	ъ	ħ.	404				70005	50044
			0TT		3L 1		5	<u>۸</u>					70005	50048
				S		1	8					2	76005	30052
NAIN	7861710850	5	N		SL2			Α *					76065	59050
				5		1	۴	î.	904				70005	30060
			611		SL 2			Δ *					76005	50064
				5		1	×					3	79005	30060
0915	1990150320	5	5		563			Δ*					79605	51002
				5		1	۲	n.	904				10065	50070
			(* I T		863			Δ *					70005	30089
				5		1	۲					4	10005	50084
CNIR	CALC												10005	30200
UECK		۲+	UTI								-		70005	01502
													16905	50260
~1UN			υFi										10005	20240
				00									10005	さしろいい
			SL S	۲ ,		4	0	A *				55	70005	50510
6601			8 L 5	٢				A *				50	70005	30320
			SLAA	۳		4	0	д ж				54	70005	30330
C.11 L			5644	Þ.				A *				51	79005	36340
	CALC												10005	50550
SHEL	6466	D 1	6										70005	30360
CTV6		ΓŦ	Γ ^ν										70005	30570
M LAN			r										70065	50580
0801			SI Z										76605	20390
0.501			512	г -		4	U					45	10005	50406
			оц ч 51 лн	, г		,.						40	10005	50410
			51.48	۲ ۲		-	0					44	70005	50420
Cute			01.41	•								41	10005	50450
IMPL	7861700450	ρ	٢	4 <									70005	504400
-	904		Ĥ	40									70003	20430
				š		1	ć	451 4	ρ	6			7665	20400
			Р	55		^	-		18	•			78003	30470. 403.84
			Ϋ́	50									76665	20400
	STARIAH	Έ		S		I	ĕ	ASLS	P	611		,	10005	40500
IMPL	7001690950	۲	ъ	44						.		•	/0665	46516
	9114		۲	41									70005	36526
				გ		1	ч	ASL4H	۲	ŕ			16005	48530
			٢	54									20005	46500





TAPE NO. 780053-205- 2





TAPE NO. 780053-207- 2

31.

 REPORT Date: 96/14//6
 SPAUESSYSTEF
 PAGE NO. 3. 2

 D.B.NAME: PB01 /005FE01
 SFIF PRODUCTION AND CONTROL MODOLL
 PGDDLE/URL1: 2.07

 VESSEL:
 GUNDUAT (PPG 1)
 REPORT REV. 6

FIELES ENCOUCED ENUM SHAPES

LINE-RI	Ė۷	PIECE MARK/ UNAWING NU.	01 LUI	r/ 461. 2.	•	VAT'L	LENGIN	91K	ι۹ι.	۱ _В 1	10	• N/C	10	NED 1 Flambe 1		KEH 2 Flangë a	2	UIHEK N/C	AIUS
12-	5	1861700850 P 186	9-1	1 ·	48	5 904	2-(1)-1	2	1-05-1	5 1	i 4	0		HOV53-216- VV55-217-	4 4	10053-218- 0053-219-	4	U &HD.ST1FF.	0 , FK,85
15-	6	7561710350 P 786	9-1	1 \$	4 8	5 904	2-01-0	D	1-05-0	ь 4	4	Ű		L 80053-208- 0055+209-	2 2	10053-210- 0653-211-	2	U 8нр,511FF,	0 . FR.85
14-	5	7861710850 S 786	y=	1	4 8	5 904	2-01-0	b	1-05-0	ь 4	4	U		-605-2000 -605-2000	ë 2	T0053-210- 0053-211-	2 2	0 6HD.\$11FF.	0 . FK.85
15-	5	/561719861 P 786	ý,	1 -В	48	5 504	2-01-1	1	1-(15-1	14	4	0		60353-208- 0353-209-	1 1	10353-210- 0353-211-	1 1	0 8HD.511F.F	U ***85*1
16-	6	7861710861 S 786	y	1 - b	45	5 904	2-01-1	1	1-05-1	1 4	44	Û		- 80353-208 0353-209-	1 1	10353-210- 0353-211-	1 1	0 BHD.STIF.F	U *K.86.1
17-	3	/301710880 P /86	9	1 -h	48	S 904	2-01-1	٤	1-05-1	3 (4 4	0000-	U ~	11 06354-208- 0354-209-	1	10354-210- 0354-211-	1 1	U BHD.STIFF.	U . FR.68
18-	3	7801710880 S 786	ý	1 - 0	4 Ь	S 904	2-01-1	3	1-05-1	5 4	4	Ø		110354-208- 0354-209-	1	10354-210- 0354-211-	1	0 вно.s1-17F.	U • Fx.56
19-	6	7861720850 P 786		1 ម	58	5 904	2-03-0	6	1-07-0	15 4	44	Û		L 00055-204- 0055-205-	2	10053-206- 0053-207-	2 2	0 - BHD.STIFF	0 • FK.85
20-	5	7861720850 S 786	; - 4	1 ម	58	S 904	2-03-0	ъ	1-67-0	16 4	4 4	U		-204- 0055-205-	s S	10053-206- 0053-207-	5 5	0 8HD.\$11FF	0 • Fx.85
21 -	3	7861720861 P 786	, 4	1-0	58	S 904	2+03+1	u	1-0/-1	u i	4 4	Û		80353-204- 0353-205-	1	-0053-206- 0353-207-	1 1	0 640.5716.1	0 *K.86.1
22 -	6	7861720861 S 786	i Y	1 - в	58	5 904	2-03-1	U	1-0/-1	U 4	4 4	0		L 80353-204- 0355-205-	1	10353-206- 0353-207-	1	0 EHD.ST1F.I	0 *k.86.1

	1	5		3		4	5		ь		7	٤
12349	56789012349	56789012	345678	90123	4567'89	012	34567890	1234567	896123	345678	501234	567890
LVPUI	UPDATTNG		DATE	457	26/76		11NF 08	156154	L 1	53 5 43		
	2401 Pane	AEST			`TN © II T	0.0	20 DL	V NO	2 71	510 IVU -		
000 1	JUL 1400				111201	00	37 KE		2		PAGE	1
1NPS	STURTAPEU	ECF2-AX	N	39					•		71003	90104
PSPR	ESILPLSME	VEN P	ſv	1 K N		1					71003	90108
RMKS	0.N.										71003	90112
PLIE		8	h	4			22.5	1 84	•	1	71003	90116
031 Y	ABSL		0130	1		4		6	-	•	71003	40120
			•	1	_ ()	5.	A 90.	-			71003	96124
à	2		v350	<u></u> 1	• -	3	3	67			71663	190124 190128
à	2		0130	1		-	-	۔ د			71004	90120
ž	2			14			A = 90.	-			71003	60136
ā			0351	1	*	2	16	6			71003	100100
-	- >		0350	1		-		6			71003	100140
2	-		0.00	17			A -9(i	,			71003	00144
9180	ABSI		0375	• •		2	A - 7V.	-	E		71003	90140
	152112000	5 03 06	05	<u>с</u> ла	,	د د	20 // 0	د 	25		71003	90125
060 F	LJEITJUUU.		0276	47	• 2	2	24.49	<u>ح</u>	• ٢ >		/1004	SU156C
NCFI	153112000	- 67 AB	2120	77 "L	~ "				<u>م</u>		/1005	90160
U150	ADELIJUUV.	1 52.00	077/	47	C • 4		cc.4	. e	• 4		71005	90164
FICL	163131000		03/0		~	1		⊃	2		/1003	90168
10.24	1321210003	5 FE. VO	66.9	42	• ٢		22.42		•16		71003	90172
KGF I	4001	4	9576	88				e .	. 5		71003	90176
01.0	1521210003	5 32.00	20.4	47 _	• 0	כ	22.4	•	05		71003	90180
FIEL	ABOL		0150	, e	<i>.</i> .	e		5			71003	90184
01603	<u>, </u>		<u> </u>	4	5.5		<u>A 180.</u>		·····		71003	90185
FIELd			0052	1		2	5	1			71003	190188
			0150	e .				3			71003	90192
<u> </u>			•	1	<u>1</u>	99	<u>4 90.</u>				71003	190196
UPIN	0151		H				1				71003	190500
DIST			0130	1		5	1	ь			71003	90204
WARK	CKPT		16.		1.5						71003	380208
AUTU											71003	90212
ÚUIC	СКЫІ										71003	90216
RUKIN	LCIJE KI	/ K S	0375	5	1	ъ	.04		. 50.		71003	190220
	R	/KS	0351	1	30	31	• () 4		- 02		71003	65506
	41	/ H S	0376	5	3	4	.04		-02		71003	90232
			0375	44	4	5	.04		-02		71003	96236
			0376	88	2	1	. 04		-02		71603	90240
			0350	1	99	98	.64		-02		71003	60200
	н	145	0130	1	1	5	. 04		-02		71002	90244
		-	0130	ج	6	5	.04		.02		71003	90240
	K)	IKS	0052	1	30	31	· . 04		- 02		71003	100255
INPE	CKPT				<u>.</u> .						71003	999999
	1	5		3		4	5		6		1	8

SEVERITY = 0 INFLT IS STURED WITH REV. = 4

INPUT IS EXECUTABLE

33

PETERSON BUILDERS INC. PGG 511 CLASS GUNEUAT * * * * * * * * * * * * * * * * * * * NO.PLATES LIKEWISE = 1 NU. PLATES MIRKCK IMAGE= U TUTAL NU. PLATES = 1* PLAIE SIZE = 27000x 8400x 25 STUCK NL.= MTL.= AL. 5086 * PARIS NESTED THIS TAPE PARE NU. UTY. FART INC. GTY. PART NU. ьIY. 2.07/86 861174 C 1 2.07786 880174 C 2.077861010189 5 1 1 2.081521130005 P 1 2.081521130005 S 1 2.081521210005 F 2.081521210005 5 1 2.07/861010177 P 1 2.07786 850174 L ********* REVISIGKS ******* * REV * CESCRIPTION * bY * UA[E ***** ******** × * + . * PREPARED BY CALI & ASSUCIATES, INC. * CHECKED BY: VALIDATED EX: *************** ************************* NEST TAPE NG. 710039- 2 / * JUB NU.7005P801

SPADES SYSTEM

- -

DATE 05/29/78

.

IDENTIFICATION & PLOT LOCATION OF PARTS FOR TAPE NO. 710039- 2

PLOT			b b b b							LIKE PLATE	MIRR. PLATE
REF.		DRWG.	& LOC.		N/C	ID	8	MODE		MODULE & PCMK.	MODULE & PCMK.
	*			*					*	*	
	*			*					*	*	
1	*	786		*	0130-	1 -	4	L	*	2.077861010189 5 *	
	*			*					*	*	
2	*	786	9 - A	*	0350-	1 -	3	L	*	2.07786 861174 C *	
	*			*					*	*	
3	*	786	9 - 8	*	0351-	1 -	S	L	*	2.07786 880174 C *	•
	*	*		*					*	*	
4	*	152	· 7A	*	0375-	2-	5	L	*	2.081521130005 P *	
	*			*		-	-		*	*	
5	*			*				м	*	2.081521130005 S *	- ``
,	*			*					*	*	
6	*	152	94	*	0376-	2-	1	ł	*	2.081521210005 P *	
	*			*		-	+		*	*	
7	*			*				м	*	2.081521210005 5 *	
•	*			*				•	*	£\$0013£1510003 G #	
8		786		4	0130-	2-	þ	+		2 077841010177 P +	
	*	,		-	0100	ç	Ē.	4	Ĵ	E*0110B1010T11 L ×	
(9	*	786	Q=R	+	0052-	1 -	2	ł		2 07786 85017/ 0 +	
\sim			.7 .4	<u> </u>	~~~~~	* -	<u> </u>	<u>ba</u>		CONTRACT N	

281

. . . .

ω ŗ

SPADES SYSTEM DATE 05/29/78 SUMMARY REPORT OF BURNING TAPE NU. 716039 - 2 0.9 (PIEKCING ALLUWANCE 0.1/ U.1 MIN.) PIERCING TIME RAPID TRAVERSE TIME 7.1 (ASSUMED SPEED 20.00 FT./MIN.) CENTER PUNCHING TIME 3.2 (ASSLMED SPEED 20.00 FT./MIN.) BURNING TIME 11.2 (ASSUMED SPEED 12.50 FT./MIN.) TUTAL PROCESSING TIME 22.4 MINUTES POST PROCESSOR OPTIONS USED FOR TAPE : FORMAT : ESI1

CUITING PRUCESS : PLSM

PAPER TAPE PARITY : EVEN

PLATE UUTLINED BY : B.M.

KERF COMPENSATED BY GEOMETRY

MATERIAL UTILIZATION DATA PLATE UTILIZATION = 53.0 PERCENT SCRAF WEIGHT = 255.8 POUNDS TYPE OF MATERIAL AL. 5086

NO ERRORS DETECTED IN THIS RUN PAPER TAPE IMAGE HAS BEEN STURED IN THE DATABASE PAPER TAPE IMAGE EXISTS IN THE D.P. UNDER KEV. 2 - STATUS = 0.





• • .•

REPORT	DAIE :	00/14//0		5	PAL E	2 2 1 3	5 I E F					PAGE NU.	ο.	1
0.8.NAN	t :	POUL /005P	BU1	5414 4	RODULIUN	AND LON	FRUL FL	PULE				MUDULE/UN	11: 2	.07
VESSEL.	:	GUNBOAT (FF	G 1)									*E¥0* *E	۷.	b
					PLAIE M	ATERIAL	LISI							
LINE	Sfu	JCK 190. G	RAUE 5.	128	6.1¥.	N/C-IAP	¹E NŪ.	PRC. LIME	LUL.	WC1E5:				

•

ì		AL. 5086 2/000x	8400x 25 1	/10039- 2	22.4
2		AL. 5000 20000X	6000x 25 1	110049- 2	20.7
		L PLATE WEIGHT	458.0 LBS		
	Τυτά	L SCHAF WEIGHT	345.7 Los		

285

39

.

REPURT 041E : 06/14//8								5 I' A	h t i		FAGE NU. /. 1					
	·D.8.N	AME	:	P801	10058801		5ዞ1ኑ	РКОФФ (110w	AND CON	INUL MU	ՍՍԼԵ				MUDULE/UNIT: 2.07
	VESSE	ι:		60148014	[(PP6 1)											KEPOKI KEV. 6
						l	PIELES	440000	.tv 1	NR6066 N/	C CUTT	1116				
	LINE-	RFA	PlêC	ר ∾4אא	UMANING NU.	LOC.	WEY. 4	%6I . <i>MJ</i>	ч. т	нк, 51к	N/C	10.	NESI TAPES	TENFLATES	6400685 181 206	DESCRIPTION
	1-	4	100 9	50174 C	786	9 - 8	1	/1	ხ	•52	0052-	1- 2	10034- 2			BHD.PLING.FR.85
28	2-	4	156 8	611/4 C	766	9-A	-1	71	8	•52	0350-	1- 5	10035- 2			BHD.PLTG.FR.86.1
6	5-	4	180 5	dv174 C	786	9 - 15	1	12	6	• 25	0551-	1-2	10039- 2			BHD.FLING. FK.88
	4-	4	78610	10177 P	186		U	50	8	.25	<u> </u>	2-2	10039- 2			
	" م	4	78610	10149 5	180		0	30	8	.25	0150-	1- 4	10039- 2			
	6-	6	78610	50146 P	106		Ú	۲	8	.25	0139-	1- 2				

0127- 1- 3

10049- 2

.25

1 172 8

.

7- 6 7861050178 C 786 10-0

.

÷

.

* • _•

.

No. of the second s

BHD.PLTNG.FH.105

Additional copies of this report can be obtained from the National Shipbuilding Research and Documentation Center:

http://www.nsnet.com/docctr/

Documentation Center The University of Michigan Transportation Research Institute Marine Systems Division 2901 Baxter Road Ann Arbor, MI 48109-2150

Phone: 734-763-2465 Fax: 734-763-4862 E-mail: Doc.Center@umich.edu